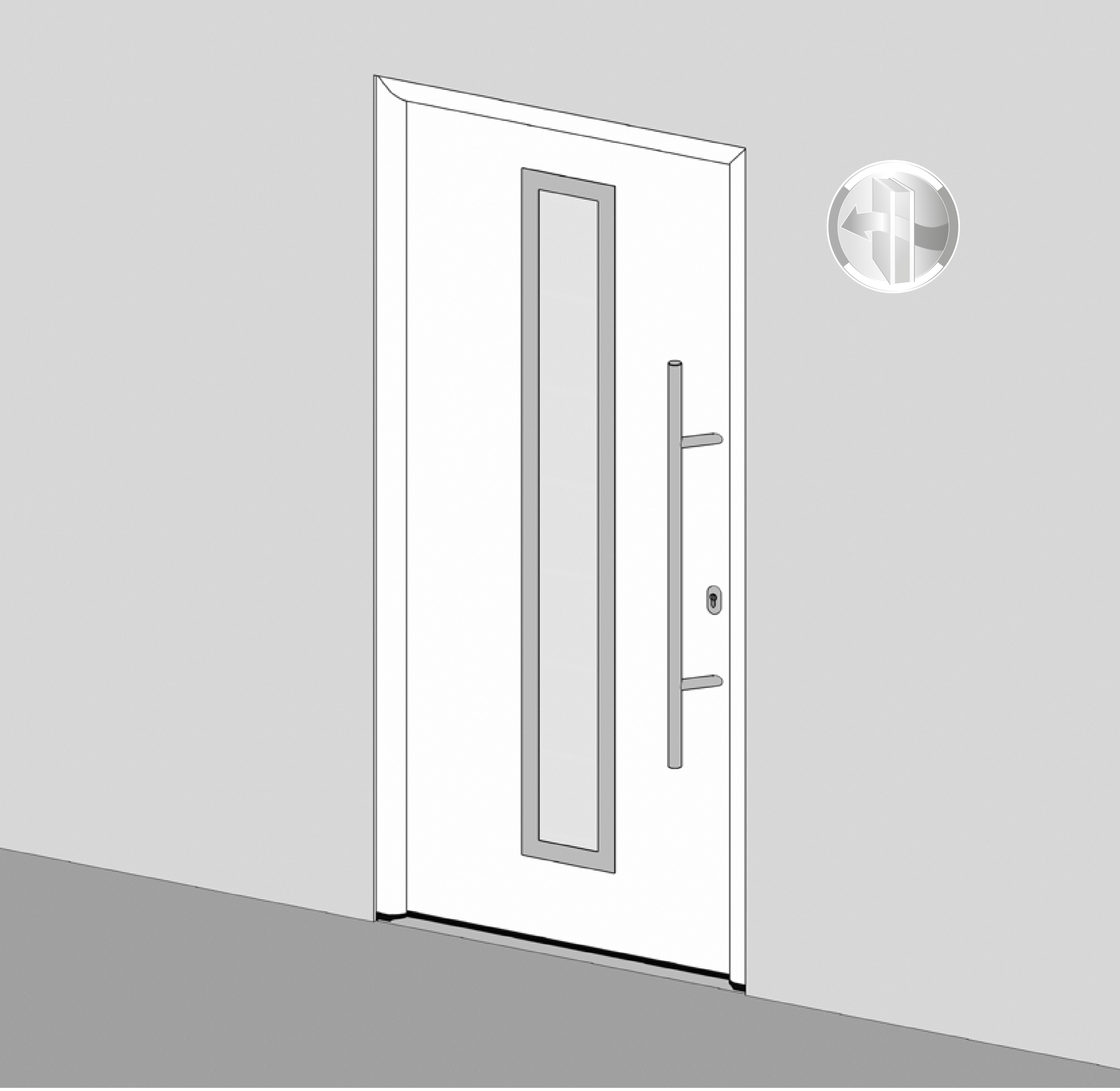


Doors with thermal break

Thermo46, Thermo65, Thermo, ISOPRO, ISOPRO Secur,

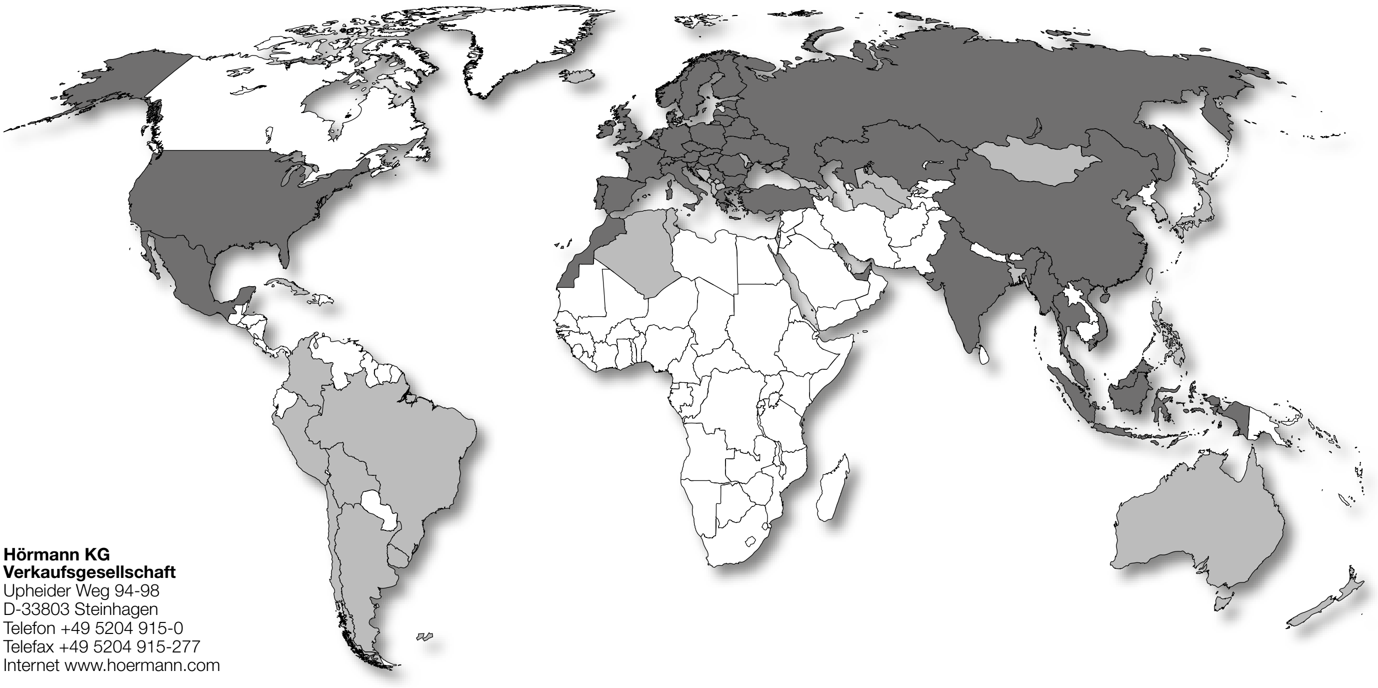
MZ Thermo46, MZ Thermo65, KSI Thermo46

Overview of spare parts

Valid from 01.03.2021

HÖRMANN

Hörmann international sales companies and sales partners



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▨ **International sales partners**

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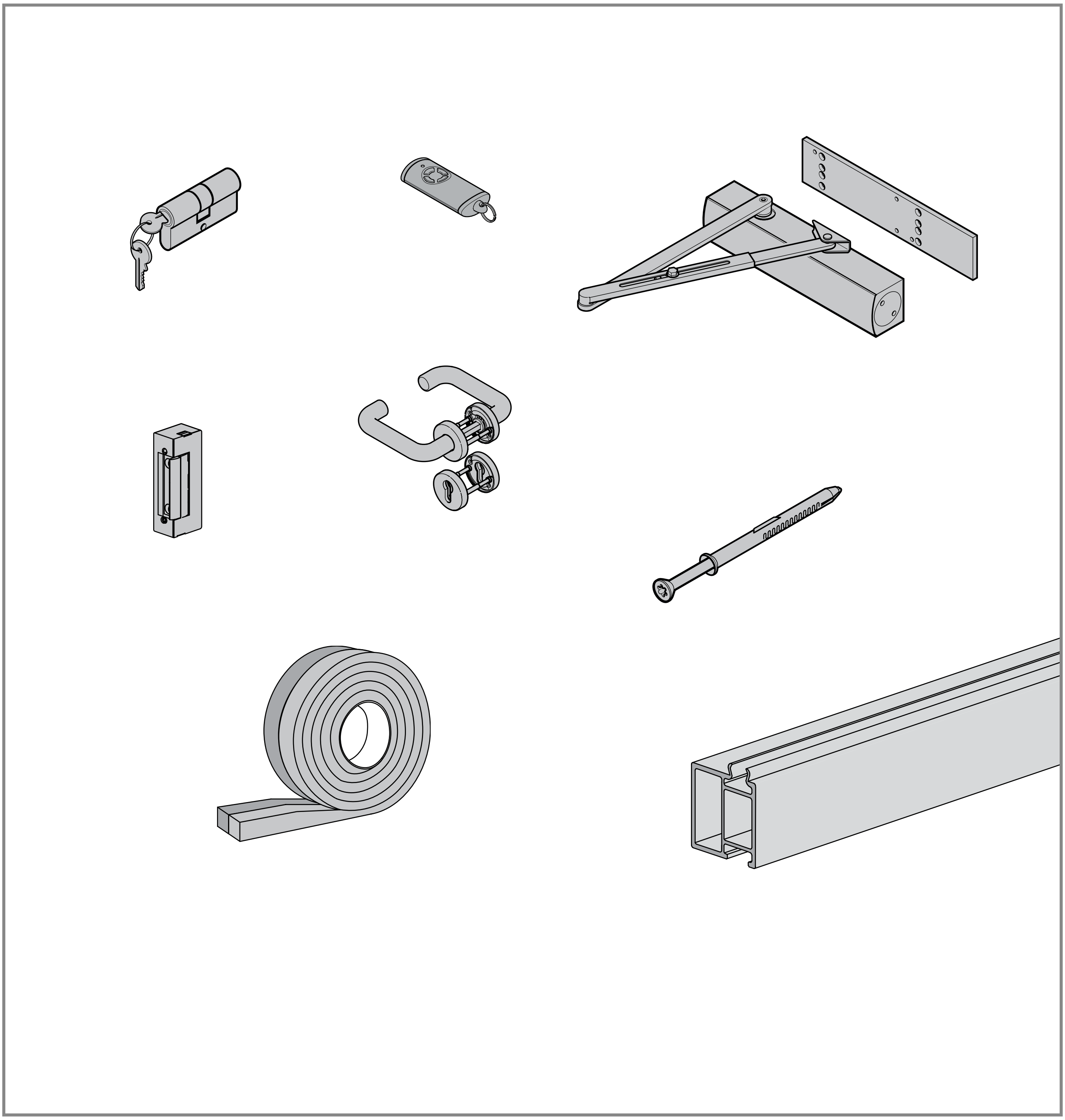
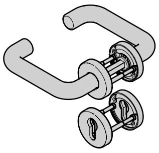
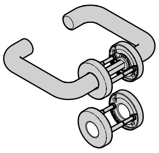
Symbols used

Symbol	Description
✆	Price on request
⌛	Please note the extended delivery times
•	Prices marked with a dot indicate articles that are **available from stock** or are available immediately ex works.
↻	Article has been replaced
ERSTP	Introductory article for recording in the product configurator for configurable material (ERSTP recording applies alternatively for all materials)
✔	Applicable for listed door types
✘	Not applicable for listed door types



Accessory parts

1. Lever handle sets

Article	Description	Production period	Art. no.	Quantity	€
	**Lever handle set D-110 with rose escutcheon, prepared for profile cylinder, ☐ 9 mm** Black plastic Aluminium Stainless steel ✔ MZ Thermo46, MZ Thermo65		544353 ● 344378 ● 344381 ●	Unit(s) _______ _______ _______	**/ each** **/ each** **/ each**
	**Lever handle set D-110 with rose escutcheon, prepared for round cylinder, ☐ 9 mm** Black plastic Aluminium Stainless steel ✔ MZ Thermo46, MZ Thermo65		478561 ● 478273 ⌛ 478272 ⌛	Unit(s) _______ _______ _______	**/ each** **/ each** **/ each**

ORDER

Customer no.: Order no.:

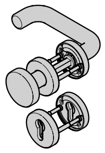
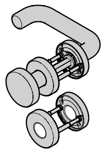
Customer name:

Shipping address:

Place / date:

Stamp and signature

2. Lever / knob handle sets

Article	Description	Production period	Art. no.	Quantity	€
	**Lever / knob handle set D-110 / K-130 with rose escutcheon, prepared for profile cylinder, ☐ 9 mm** Black plastic Aluminium Stainless steel ✔ MZ Thermo46, MZ Thermo65 ✔ in conjunction with an anti-panic lock for TPS, THP, MZ Thermo46 and MZ Thermo65		454744 ● 344382 ● 344383 ●	Unit(s) _______ _______ _______	/ each / each / each
	**Lever / knob handle set D-110 / K-130 with rose escutcheon, prepared for round cylinder, ☐ 9 mm** Black plastic Aluminium Stainless steel ✔ MZ Thermo46, MZ Thermo65 ✔ in conjunction with an anti-panic lock for TPS, THP, MZ Thermo46 and MZ Thermo65		478564 ⌛ 478563 ⌛ 478562 ⌛	Unit(s) _______ _______ _______	/ each / each / each

ORDER

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Shipping address: ______________________________

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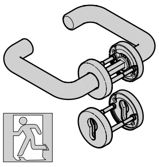
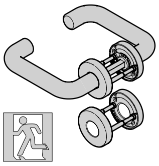
3. Anti-panic handle sets

Article	Description	Production period	Art. no.	Quantity	€
	**Anti-panic lever handle set D-110 with rose escutcheon, prepared for profile cylinder, ☐ 9 mm** Black plastic Aluminium Stainless steel ✔ in conjunction with an anti-panic lock for TPS, THP, MZ Thermo46 and MZ Thermo65		454736 ● 344379 ● 344380 ●	Unit(s) ________ ________ ________	/ each / each / each
	**Anti-panic lever handle set D-110 with rose escutcheon, prepared for round cylinder, ☐ 9 mm** Black plastic Aluminium Stainless steel ✔ in conjunction with an anti-panic lock for TPS, THP, MZ Thermo46 and MZ Thermo65		274916 ⌛ 274918 ⌛ 274920 ⌛	Unit(s) ________ ________ ________	/ each / each / each

ORDER

Customer no.: Order no.:

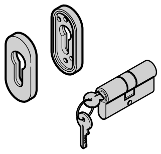
Customer name:

Shipping address: ________________________

Place / date:

Stamp and signature

4. Oval rose escutcheon

Article	Description	Production period	Art. no.	Quantity	€
	**Interior and exterior oval rose escutcheon for hook bolt lock with additional bolt lock, including profile cylinder** Stainless steel ✔ TPS		278768 ⌛	Unit(s) _______	**/ each**
	Stainless steel ✔ THP		342172 ⌛	_______	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

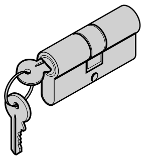
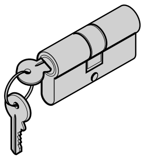
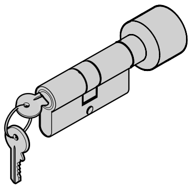
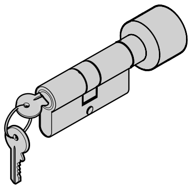
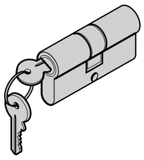
Shipping address:

Place / date:

Stamp and signature

5. Profile cylinder

For push bar with oval rose escutcheon

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder for push bar with oval rose escutcheon**			Unit(s)	
	35.5 + 27.5 mm				
	With 5 keys		691130 •	_______	/ each
	With 8 keys		691147 •	_______	/ each
	With 10 keys		691148 •	_______	/ each
	Each additional key			_______	/ each
	✔ TPS				
	40.5 + 40.5 mm				
	With 5 keys		277215 •	_______	/ each
	With 8 keys		277284 •	_______	/ each
	With 10 keys		277286 •	_______	/ each
	Each additional key			_______	/ each
	✔ THP, IP				
	**Profile cylinder for push bar with oval rose escutcheon, drilling and pull-off protection, with security card**			Unit(s)	
	40.5 + 40.5 mm				
	With 5 keys		271281 •	_______	/ each
	Each additional key			_______	/ each
	✔ THP				
	**Knob cylinder for push bar with oval rose escutcheon (door opening inwards)**			Unit(s)	
	35.5 (knob) + 27.5 mm				
	With 5 keys		632193 •	_______	/ each
	Each additional key			_______	/ each
	✔ TPS				
	**Knob cylinder for push bar with oval rose escutcheon**			Unit(s)	
	40.5 (knob) + 40.5 mm				
	With 5 keys		344980 •	_______	/ each
	Each additional key			_______	/ each
	✔ THP				
	**Profile cylinder for push bar with oval rose escutcheon**			Unit(s)	
	35.5 + 27.5 mm				
	3 keys		31550 •	_______	/ each
	Each additional key			_______	/ each
	✔ TH				

ORDER

Customer no.: Order no.:

Customer name:

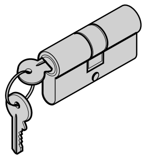
Shipping address:

Place / date:

Stamp and signature

5. Profile cylinders

For push bar with round rose escutcheon ES 1

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder for push bar with round rose escutcheon ES 1, drilling and pull-off protection, with security card**			Unit(s)	
	40.5 + 31.5 mm				
	With 5 keys		277280 •	_______	/ each
	With 8 keys		691005 ⌛	_______	/ each
	With 10 keys		691006 •	_______	/ each
	Each additional key			_______	/ each
	✔ TPS				
	40.5 + 45.5 mm				
	With 5 keys	Until 04.2018	277217 •	_______	/ each
	With 8 keys	Until 04.2018	277288 •	_______	/ each
	With 10 keys	Until 04.2018	277290 ⌛	_______	/ each
	Each additional key			_______	/ each
	✔ THP with internal rose escutcheon height = 8 mm (article number 277415)				
	45.5 + 45.5 mm				
	5 keys	From 05.2018	343325 •	_______	/ each
	8 keys	From 05.2018	343396 ⌛	_______	/ each
	10 keys	From 05.2018	343397 ⌛	_______	/ each
	Each additional key			_______	/ each
	✔ THP with internal rose escutcheon height = 10 mm (article number 271791 and 274664)				
	✔ IPS				

ORDER

Customer no.: Order no.:

Customer name:

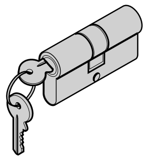
Shipping address:

Place / date:

Stamp and signature

5. Profile cylinders

for push bar acc. to DIN EN 1125

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder for push bar according to DIN EN 1125**			Unit(s)	
	40.5 + 31.5 mm				
	With 5 keys		690999 •	_______	/ each
	With 8 keys		691002 ⌛	_______	/ each
	With 10 keys		691003 ⌛	_______	/ each
	Each additional key			_______	/ each
	✔ MZ Thermo46				
	45.5 + 45.5 mm				
	With 5 keys		277234 •	_______	/ each
	With 8 keys		277292 ⌛	_______	/ each
	With 10 keys		277294 ⌛	_______	/ each
	Each additional key			_______	/ each
	✔ MZ Thermo65				

ORDER

Customer no.: Order no.:

Customer name:

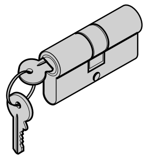
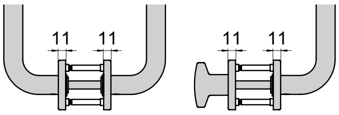
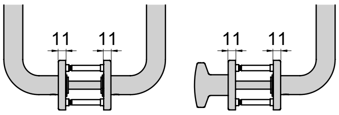
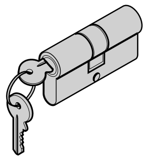
Shipping address:

Place / date:

Stamp and signature

5. Profile cylinders

For fitting ES 0

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder for fitting ES 0**			Unit(s)	
	40.5 + 31.5 mm				
	With 5 keys		690999 ●	_______	/ each
	With 8 keys		691002 ⧗	_______	/ each
	With 10 keys		691003 ⧗	_______	/ each
	Each additional key			_______	/ each
					
	✔ TPS				
	45.5 + 45.5 mm				
	With 5 keys		277234 ●	_______	/ each
	With 8 keys		277292 ⧗	_______	/ each
	With 10 keys		277294 ⧗	_______	/ each
	Each additional key			_______	/ each
					
	✔ THP				
	**Profile cylinder for fitting ES 0**			Unit(s)	
	40 + 30 mm				
	3 keys		690797 ●	_______	/ each
	Each additional key			_______	/ each
	✔ TH				

ORDER

Customer no.: Order no.:

Customer name:

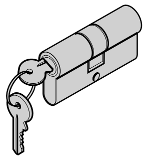
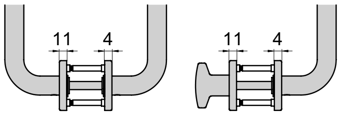
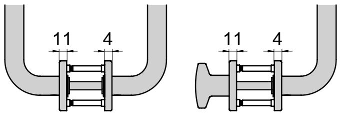
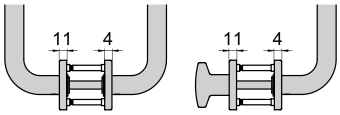
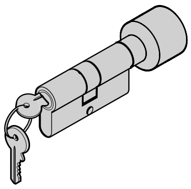
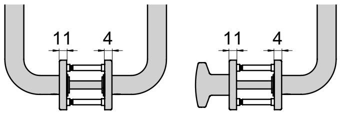
Shipping address:

Place / date:

Stamp and signature

5. Profile cylinders

For fitting ES 1

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder for ES 1 fitting, drilling and pull-off protection, with security card**			Unit(s)	
	35.5 + 31.5 mm (opening inwards)				
	5 keys	03.2013 – 02.2015	ERSTP ⌛	_______	/ each
	8 keys	03.2013 – 02.2015	ERSTP ⌛	_______	/ each
	10 keys	03.2013 – 02.2015	ERSTP ⌛	_______	/ each
	Each additional key			_______	/ each
					
	✔ TPS, KSI Thermo46				
	45.5 + 27.5 mm (opening outwards)				
	5 keys	03.2013 – 02.2015	ERSTP ⌛	_______	/ each
	8 keys	03.2013 – 02.2015	ERSTP ⌛	_______	/ each
	10 keys	03.2013 – 02.2015	ERSTP ⌛	_______	/ each
	Each additional key			_______	/ each
					
	✔ TPS				
	40.5 + 45.5 mm				
	5 keys	03.2013 – 02.2015	277217 •	_______	/ each
	8 keys	03.2013 – 02.2015	277288 •	_______	/ each
	10 keys	03.2013 – 02.2015	277290 ⌛	_______	/ each
	Each additional key			_______	/ each
					
	✔ THP				
	**Knob cylinder for ES 1 fitting, drilling and pull-off protection (door opening inwards), with security card**			Unit(s)	
	35.5 (knob) + 31.5 mm				
	5 keys	03.2013 – 02.2015	ERSTP ⌛	_______	/ each
	Each additional key			_______	/ each
					
	✔ TPS, KSI Thermo46				

ORDER

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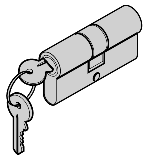
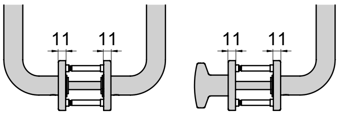
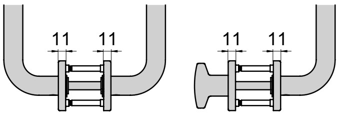
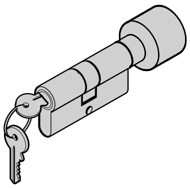
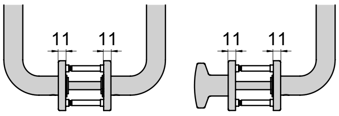
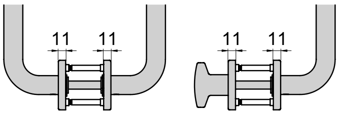
Stamp and signature

5. Profile cylinders

For fitting ES 1

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder for ES 1 fitting, drilling and pull-off protection, with security card**			Unit(s)	
	40.5 + 31.5 mm				
	5 keys	From 03.2015	277280 •	______	/ each
	8 keys	From 03.2015	691005 ⌛	______	/ each
	10 keys	From 03.2015	691006 •	______	/ each
	Each additional key			______	/ each
					
	✔ TPS, KSI Thermo46				
	45.5 + 45.5 mm				
	5 keys	From 03.2015	343325 •	______	/ each
	8 keys	From 03.2015	343396 ⌛	______	/ each
	10 keys	From 03.2015	343397 ⌛	______	/ each
	Each additional key			______	/ each
					
	✔ THP				
	**Knob cylinder for ES 1 fittings, drilling and pull-off protection, with security card**			Unit(s)	
	40.5 (knob) + 31.5 mm (Door opening inwards)				
	5 keys	From 03.2015	ERSTP ⌛	______	/ each
	Each additional key			______	/ each
					
	✔ TPS, KSI Thermo46				
	45.5 (knob) + 45.5 mm				
	5 keys	From 03.2015	ERSTP ⌛	______	/ each
	Each additional key			______	/ each
					
	✔ THP				

ORDER

Customer no.: Order no.:

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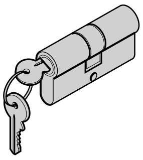
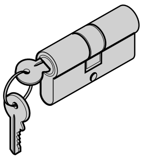
Stamp and signature

5. Profile cylinders

For rose escutcheon

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder for rose escutcheon**			Unit(s)	
	37.5 + 27.5 mm				
	With 5 keys	Replaces article 271617 from 01.03.2021	276467 •	_______	/ each
	✔ TPS				
	40.5 + 27.5 mm				
	With 5 keys	Replaces article 690999	271617 •	_______	/ each
	Each additional key			_______	/ each
	✔ TPS with anti-panic handle set				
	40.5 + 40.5 mm				
	With 5 keys		277215 •	_______	/ each
	With 8 keys		277284 •	_______	/ each
	With 10 keys		277286 •	_______	/ each
	Each additional key			_______	/ each
	✔ THP, IP				
	40.5 + 45.5 mm				
	With 5 keys		271811 •	_______	/ each
	Each additional key			_______	/ each
	✔ THP with anti-panic handle set				
	**Profile cylinder for rose escutcheon**			Unit(s)	
	40.5 + 27.5 mm				
	3 keys	Replaces article 694219	271615 •	_______	/ each
	Each additional key			_______	/ each
	✔ MZ Thermo46, MZ Thermo46 left / right (TPS 081)				
	40.5 + 45.5 mm				
	3 keys		343408 •	_______	/ each
	Each additional key			_______	/ each
	✔ MZ Thermo65				

ORDER

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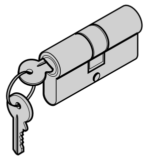
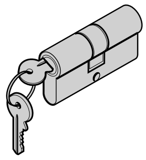
Stamp and signature

5. Profile cylinders

Keys to pass

Article	Description	Production period	Art. no.	Quantity	€
	**Profile cylinder, keys to pass** 5 keys 8 keys 10 keys Each additional key ✔ TPS, THP		ERSTP ⌛ ERSTP ⌛ ERSTP ⌛	Unit(s) _______ _______ _______ _______	**/ each** **/ each** **/ each** **/ each**
	**Profile cylinder, keys to pass, drilling and pull-off protection, with security card** 5 keys 8 keys 10 keys Each additional key ✔ TPS, THP		ERSTP ⌛ ERSTP ⌛ ERSTP ⌛	Unit(s) _______ _______ _______ _______	**/ each** **/ each** **/ each** **/ each**

ORDER

Customer no.: Order no.:

Customer name:

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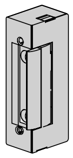
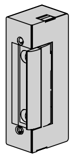
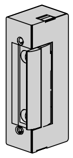
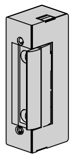
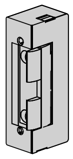
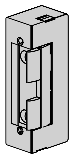
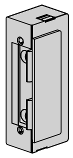
Place / date:

Stamp and signature

6. Electric extras

Electric strikes

Article	Description	Production period	Art. no.	Quantity	€
	**Electric strike with day catch** Dual handed ✔ TPS, MZ Thermo46, KSI Thermo46	Until 08.2011	344495 •	Unit(s) _______	/ each
	**Electric strike with day catch (for steel lock plates)** Dual handed ✔ TPS, MZ Thermo46, KSI Thermo46	09.2011 – 02.2013	274063 •	Unit(s) _______	/ each
	**Electric strike with day catch (for plastic lock plates)** Dual handed (Replacement for 277518)	03.2013 – 03.2016	344495 •	Unit(s) _______	/ each
	Dual handed ✔ TPS, MZ Thermo46	From 04.2016	344494 •	_______	/ each
	**Electric strike with day catch (for steel lock plates / RC 2)** Dual handed ✔ TPS, MZ Thermo46, KSI Thermo46	From 03.2013	274063 •	Unit(s) _______	/ each
	**Electric strike with day catch** Dual handed (Replacement for 277079)	03.2013 – 23.09.2015	344138 •	Unit(s) _______	/ each
	Dual handed (replaces 344110) ✔ THP, MZ Thermo65	From 26.09.2015	274661 •	_______	/ each
	**Electric strike with day catch and stop** Dual handed ✔ THP, MZ Thermo65		275114 •	Unit(s) _______	/ each
	**Electric strike with day catch** Dual handed ✔ IP, IPS		274662 •	Unit(s) _______	/ each

ORDER

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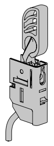
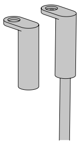
Place / date:

Stamp and signature

6. Electric extras

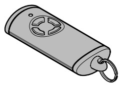
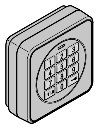
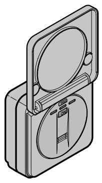
Latch switching contact / reed contact

Article	Description	Production period	Art. no.	Quantity	€
	**Latch switching contact with cable 6 m** For main latch, centre lock ✔ THP		340014 •	Unit(s) _______	/ each
	**Reed contact with 4 m cable**			Unit(s)	
	✔ TPS, MZ Thermo46, KSI Thermo46		272265 •	_______	/ each
	✔ THP, MZ Thermo65		271774 •	_______	/ each

ORDER	
	Customer no.: Order no.:
	Customer name:
	Shipping address:
	Place / date:
	Stamp and signature

6. Electric extras

Hand transmitter / radio code switch / radio finger-scan

Article	Description	Production period	Art. no.	Quantity	€
	**Hand transmitter HSE 4 BS, textured black, neutral** ✔ THP		4511763 •	Unit(s) _______	/ each
	**Radio code switch FCT3-1 BS** ✔ THP		4511857 •	Unit(s) _______	/ each
	**Radio finger-scan FFL25-1 868-BS** ✔ THP		4511865 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

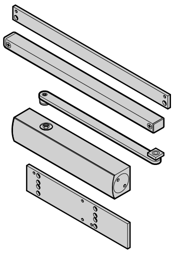
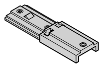
Customer name:

Shipping address:

Place / date:

Stamp and signature

7. Door closers

Article	Description	Production period	Art. no.	Quantity	€
	**Overhead door closer HDC 35** for fitting on opening side (hinge side) for fitting on closing side (opposite hinge side) ✔TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46		 275598 • 275600 •	Unit(s) _______ _______	 **/ each** **/ each**
	**Hold-open device TS 5000 and HDC 35** Mechanical hold-open device ✔TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46		 454841 ⌛	Unit(s) _______	 **/ each**

ORDER

Customer no.: Order no.:

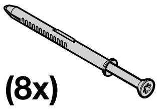
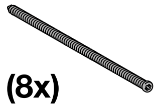
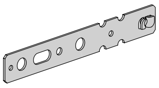
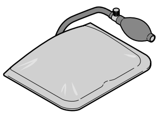
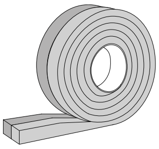
Customer name:

Shipping address:

Place / date:

Stamp and signature

8. Fitting accessories

Article	Description	Production period	Art. no.	Quantity	€
	**Plug-and-screw set** Countersunk head screws, plugs 8 × 120 mm ✔ TPS, THP, IP, IPS, TH, MZ Thermo46, MZ Thermo65, KSI Thermo46	Replaces article 691027	343701 •	Unit(s) _______	/ each
	**Screw pack** Frame screw 7.5 × 182 mm ✔ TPS, THP, IP, IPS, TH, MZ Thermo46, MZ Thermo65, KSI Thermo46		274669 •	Unit(s) _______	/ each
	**Screw-in anchor set for aluminium frame** Length 180 mm (8 × anchors) Length 280 mm (8 × anchors) ✔ TPS, THP IP, IPS, MZ Thermo46, MZ Thermo65, KSI Thermo46		278942 • 343578 •	Unit(s) _______ _______	/ each / each
	**Set of 2 Hörmann fitting cushions** Pump range: 2 – 65 mm Maximum lifting weight: 100 kg ✔ TPS, THP, IP, IPS, MZ Thermo46, MZ Thermo65, KSI Thermo46		536744 •	Unit(s) _______	/ each
	**Pre-compressed sealing strip for groove widths from 6 – 15 mm** Width 56 mm ✔ TPS, MZ Thermo46, KSI Thermo46 Width 74 mm ✔ THP, MZ Thermo65	Replaces article 278031 Replaces article 278034	273114 • 273115 •	Unit(s) _______ _______	/ each / each

ORDER

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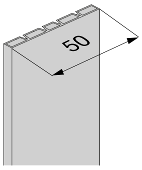
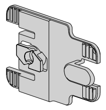
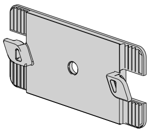
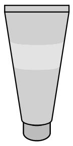
Stamp and signature

8. Fitting accessories

Article	Description	Production period	Art. no.	Quantity	€
	**Cover profile** Per package 2 × 2300 mm and 1 × 1300 mm, dimensions (W × D) 50 × 5 mm, profiles for one door without side element / transom light			Unit(s)	
	RAL 9016		275462 •	_______	/ each
	Golden Oak		275464 •	_______	/ each
	Dark Oak		275466 •	_______	/ each
	Night Oak		275468 •	_______	/ each
	Winchester Oak		342660 •	_______	/ each
	Titan Metallic CH 703		342659 •	_______	/ each
	✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46				
	**Accessory bag screw-in bracket TPS** ✔ TPS, MZ Thermo46		273273 •	Unit(s) _______	/ each
	**Accessory bag screw-in bracket THP** ✔ THP, MZ Thermo65		274749 •	Unit(s) _______	/ each
	**Stainless steel cleaner, 150 ml** ✔ TPS, THP, IP, IPS		271337 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

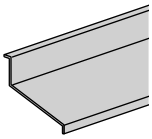
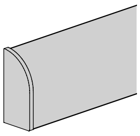
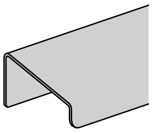
Customer name:

Shipping address:

Place / date:

Stamp and signature

9. Rain canopy / door drip

Article	Description	Production period	Art. no.	Quantity	€
	**Rain canopy (anodised aluminium)** Overall frame dimension width, length: _______ mm ✔ TPS, THP, IP, IPS, MZ Thermo46, MZ Thermo65		ERSTP ⌛	Unit(s) _______	/ each
	**Door drip** Aluminium painted in RAL 9016 Overall frame dimension width, length: _______ mm Stainless steel look Overall frame dimension width, length: _______ mm ✔TPS, THP, IP, IPS, MZ Thermo46, MZ Thermo65, KSI Thermo46		ERSTP ⌛ ERSTP ⌛	Unit(s) _______ _______	/ each / each
	**Door drip** Stainless steel Overall frame dimension width, length: _______ mm ✔TPS, THP, IP, IPS, MZ Thermo46, MZ Thermo65, KSI Thermo46		ERSTP ⌛	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

Customer name:

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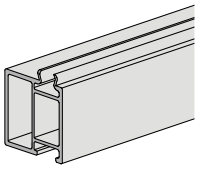
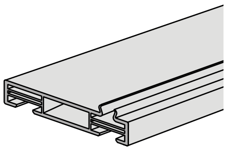
Place / date:

Stamp and signature

10. Bottom spacer profile / base frame profile

Article	Description	Production period	Art. no.	Quantity	€
	**Bottom spacer profile**			Unit(s)	
	30 mm (height), 875 mm (length)		344593 ●	_______	/ each
	30 mm (height), 980 mm (length)		344594 ●	_______	/ each
	30 mm (height), 1000 mm (length)		344595 ●	_______	/ each
	30 mm (height), 1080 mm (length)		344596 ●	_______	/ each
	30 mm (height), 1100 mm (length)		278381 ●	_______	/ each
	30 mm (height), 1200 mm (length)		344597 ●	_______	/ each
	30 mm (height), 1250 mm (length)		278383 ●	_______	/ each
	60 mm (height), 1250 mm (length)		ERSTP ⌛	_______	/ each
	90 mm (height), 1250 mm (length)		ERSTP ⌛	_______	/ each
	120 mm (height), 1250 mm (length)		ERSTP ⌛	_______	/ each
	150 mm (height), 1250 mm (length)		ERSTP ⌛	_______	/ each
	30 mm (height), 1500 mm (length)		344598 ●	_______	/ each
	30 mm (height), 2250 mm (length)		ERSTP ⌛	_______	/ each
	60 mm (height), 2250 mm (length)		ERSTP ⌛	_______	/ each
	90 mm (height), 2250 mm (length)		ERSTP ⌛	_______	/ each
	120 mm (height), 2250 mm (length)		ERSTP ⌛	_______	/ each
	150 mm (height), 2250 mm (length)		ERSTP ⌛	_______	/ each
	30 mm (height), 3250 mm (length)*		ERSTP ⌛	_______	/ each
	60 mm (height), 3250 mm (length)*		ERSTP ⌛	_______	/ each
	90 mm (height), 3250 mm (length)*		ERSTP ⌛	_______	/ each
	120 mm (height), 3250 mm (length)*		ERSTP ⌛	_______	/ each
	150 mm (height), 3250 mm (length)*		ERSTP ⌛	_______	/ each
	Length: _______ mm, height: _______ mm		ERSTP ⌛	_______	
	* Delivered separately				
	✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46, IP, IPS				
	**Base frame profile**			Unit(s)	
	15 mm (height), 1250 mm (length)		272165	_______	/ each
	15 mm (height), up to 1250 mm (length)		ERSTP ⌛	_______	/ each
	15 mm (height), up to 2250 mm (length)		ERSTP ⌛	_______	/ each
	15 mm (height), up to 3250 mm (length)		ERSTP ⌛	_______	/ each
	✔ THP, MZ Thermo65				

ORDER

Customer no.: Order no.:

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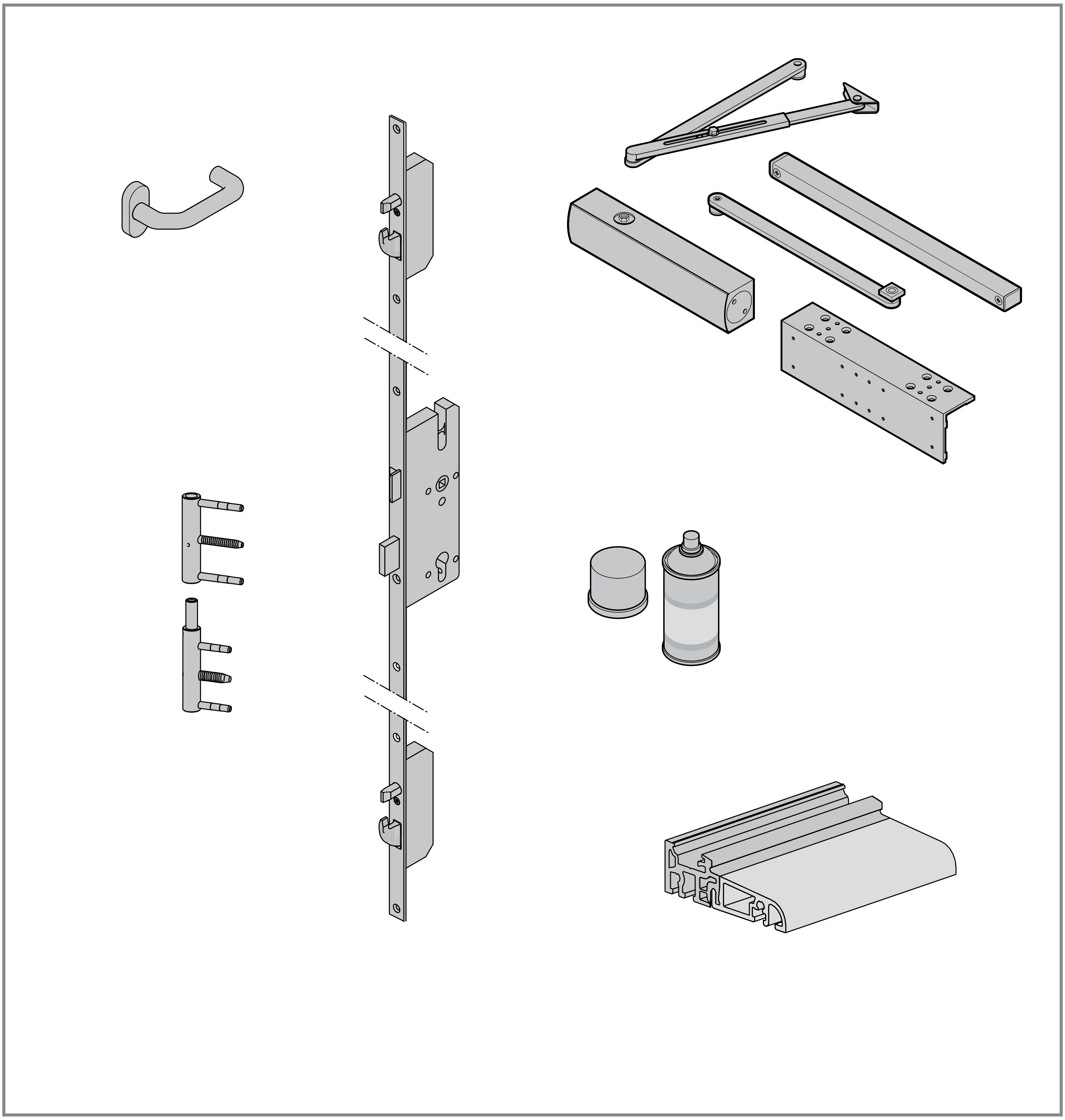
Place / date:

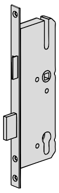
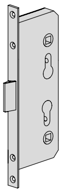
Stamp and signature



Spare parts

11. Mortice locks

Prepared for profile cylinder or round cylinder

Article	Description	Production period	Art. no.	Quantity	€
	**Mortice lock, ☐ 9 mm**			Unit(s)	
	For profile cylinder, left-hand hinged	Replaces article 275786	271404 •	_______	/ each
	For profile cylinder, right-hand hinged	Replaces article 275788	271405 •	_______	/ each
	For round cylinder, left-hand hinged	Replaces article 275790	271407 •	_______	/ each
	For round cylinder, right-hand hinged	Replaces article 275792	271408 •	_______	/ each
	✔ MZ Thermo46 , MZ Thermo65				
	**Mortice lock, ☐ 9 mm**			Unit(s)	
	For profile cylinder, dual handed		274930 •	_______	/ each
	✔ MZ Thermo46 left / right (TPS 081)				

ORDER

Customer no.: Order no.:

Customer name:

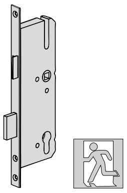
Shipping address:

Place / date:

Stamp and signature

11. Mortice locks

with function B, split spindle

Article	Description	Production period	Art. no.	Quantity	€
	**Anti-panic lock, with split spindle, change-over function B, ☐ 9 mm**			Unit(s)	
	For profile cylinder, left-hand hinged	Replaces article 270777	271389 •	_______	/ each
	For profile cylinder, right-hand hinged	Replaces article 270778	271486 •	_______	/ each
	For round cylinder, left-hand hinged		274628 •	_______	/ each
	For round cylinder, right-hand hinged		274630 •	_______	/ each
	✔ MZ Thermo46, MZ Thermo65				

ORDER

Customer no.: Order no.:

Customer name:

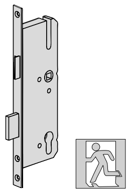
Shipping address:

Place / date:

Stamp and signature

11. Mortice locks

with function D, split spindle

Article	Description	Production period	Art. no.	Quantity	€
	**Anti-panic lock with split spindle, passage function D, ☐ 9 mm**			Unit(s)	
	For profile cylinder, left-hand hinged	Replaces article 274103	271394 •	_______	/ each
	For profile cylinder, right-hand hinged	Replaces article 274105	271397 •	_______	/ each
	For round cylinder, left-hand hinged	Replaces article 274813	271401 •	_______	/ each
	For round cylinder, right-hand hinged	Replaces article 274815	271402 •	_______	/ each
	✔ MZ Thermo46, MZ Thermo65				

ORDER

Customer no.: Order no.:

Customer name:

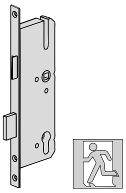
Shipping address:

Place / date:

Stamp and signature

11. Mortice locks

with function E, continuous spindle

Article	Description	Production period	Art. no.	Quantity	€
	**Anti-panic lock with panic function E, ☐ 9 mm**			Unit(s)	
	For profile cylinder, left-hand hinged	Replaces article 274099	271391 •	_______	/ each
	For profile cylinder, right-hand hinged	Replaces article 274101	271393 •	_______	/ each
	For round cylinder, left-hand hinged	Replaces article 274809	271398 •	_______	/ each
	For round cylinder, right-hand hinged	Replaces article 274811	271400 •	_______	/ each
	✔ MZ Thermo46 , MZ Thermo65				

ORDER

Customer no.: Order no.:

Customer name:

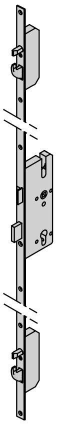
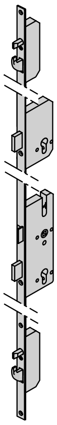
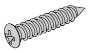
Shipping address:

Place / date:

Stamp and signature

12. Multiple-point locking

Prepared for profile cylinder or round cylinder

Article	Description	Production period	Art. no.	Quantity	€
	**Hook bolt lock, □ 8 mm**			Unit(s)	
	Overall frame dimension height < 2100 mm				
	For profile cylinder, left-hand hinged (replaces article 631134)	Until 12.2018	271339 •	_______	/ each
	For profile cylinder, right-hand hinged (replaces article 631158)	Until 12.2018	271340 •	_______	/ each
	For profile cylinder, left-hand hinged	From 01.2019	ERSTP •	_______	/ each
	For profile cylinder, right-hand hinged	From 01.2019	ERSTP •	_______	/ each
	Overall frame dimension height ≥ 2100 mm				
	For profile cylinder, left-hand hinged (replaces article 691022)	Until 12.2018	271342 •	_______	/ each
	For profile cylinder, right-hand hinged (replaces article 691023)	Until 12.2018	271345 •	_______	/ each
	For profile cylinder, left-hand hinged	From 01.2019	ERSTP •	_______	/ each
	For profile cylinder, right-hand hinged	From 01.2019	ERSTP •	_______	/ each
	Overall frame dimension height ≥ 1990 mm				
	For round cylinder, left-hand hinged	Replaces article 691059	271346 •	_______	/ each
	For round cylinder, right-hand hinged	Replaces article 691060	271348 •	_______	/ each
	✔ TPS, THP, KSI Thermo46				
	**Hook bolt lock with additional bolt lock, □ 8 mm (not for handle HB 38-2)**			Unit(s)	
	For profile cylinder, left-hand hinged		691024 •	_______	/ each
	For profile cylinder, right-hand hinged		691025 •	_______	/ each
	✔ TPS, THP				
	**Lock screw / lock cover screw**			Unit(s)	
	4.0 × 40 mm		691425 •	_______	/ each
	✔ TPS, THP, TH, MZ Thermo46, MZ Thermo65, KSI Thermo46				

ORDER

Customer no.: Order no.:

Customer name:

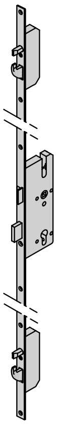
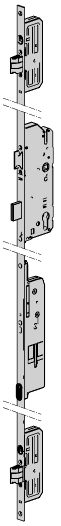
Shipping address:

Place / date:

Stamp and signature

12. Multiple-point locking

Prepared for profile cylinder or round cylinder

Article	Description	Production period	Art. no.	Quantity	€
	**Automatic lock hook bolt, ☐ 8 mm**			Unit(s)	
	Overall frame dimension height < 2100 mm				
	For profile cylinder, left-hand hinged		270281 ●		/ each
	For profile cylinder, right-hand hinged		270282 ●		/ each
	Overall frame dimension height ≥ 2100 mm				
	For profile cylinder, left-hand hinged		270283 ●		/ each
	For profile cylinder, right-hand hinged		270285 ●		/ each
	Overall frame dimension height ≥ 1990 mm				
	For round cylinder, left-hand hinged		270286 ●		/ each
	For round cylinder, right-hand hinged		270287 ●		/ each
	✔ THP				
	**Automatic lock with electric motor, ☐ 8 mm**			Unit(s)	
	Overall frame dimension height < 2100 mm				
	For profile cylinder, left-hand hinged		343667 ●		/ each
	For profile cylinder, right-hand hinged		343668 ●		/ each
	Overall frame dimension height ≥ 2100 mm				
	For profile cylinder, left-hand hinged		343682 ●		/ each
	For profile cylinder, right-hand hinged		343683 ●		/ each
	Overall frame dimension height ≥ 1990 mm				
	For round cylinder, left-hand hinged		270295 ●		/ each
	For round cylinder, right-hand hinged		270298 ●		/ each
	✔ THP				

ORDER

Customer no.: Order no.:

Customer name:

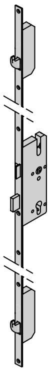
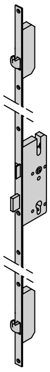
Shipping address:

Place / date:

Stamp and signature

12. Multiple-point locking

Prepared for profile cylinder or round cylinder

Article	Description	Production period	Art. no.	Quantity	€
	**Hook bolt lock, ☐ 8 mm, key-operated**			Unit(s)	
	Overall frame dimension height < 2100 mm				
	For profile cylinder, left-hand hinged		ERSTP •	_______	/ each
	For profile cylinder, right-hand hinged		ERSTP •	_______	/ each
	Overall frame dimension height ≥ 2100 mm				
	For profile cylinder, left-hand hinged (replaces article 343430)	Until 05.2019	271341 •	_______	/ each
	For profile cylinder, right-hand hinged (replaces article 343431)	Until 03.2019	271344 •	_______	/ each
	For profile cylinder, left-hand hinged	From 05.2019	ERSTP •	_______	/ each
	For profile cylinder, right-hand hinged	From 04.2019	ERSTP •	_______	/ each
	✔ TH, IP, IPS				
	**Hook bolt lock, ☐ 8 mm, lever-operated**			Unit(s)	
	For profile cylinder, left-hand hinged		343428 •	_______	/ each
	For profile cylinder, right-hand hinged		343429 •	_______	/ each
	✔ TH				

ORDER

Customer no.: Order no.:

Customer name:

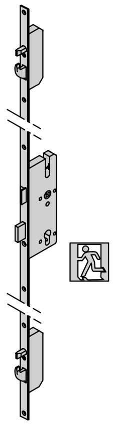
Shipping address:

Place / date:

Stamp and signature

12. Multiple-point locking

with function B, split spindle

Article	Description	Production period	Art. no.	Quantity	€
	**Anti-panic multiple-point locking (hook bolt) with split spindle, with change-over function B, ☐ 9 mm**			Unit(s)	
	Overall frame dimension height ≥ 1990 mm				
	For profile cylinder, left-hand hinged		ERSTP •	_______	**/ each**
	For profile cylinder, right-hand hinged		ERSTP •	_______	**/ each**
	Note: Subsequent replacement with the hook bolt lock is only possible from an overall frame dimension height of 2100 mm.				
	✔ TPS, THP, MZ Thermo46, MZ Thermo65				

ORDER

Customer no.: Order no.:

Customer name:

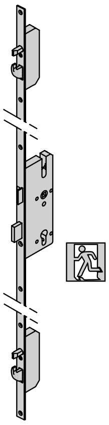
Shipping address:

Place / date:

Stamp and signature

12. Multiple-point locking

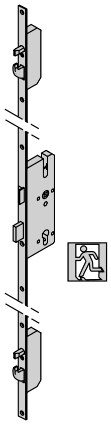
with function D, split spindle

Article	Description	Production period	Art. no.	Quantity	€
	**Anti-panic multiple-point locking (hook bolt) with split spindle, with passage function D, ☐ 9 mm**			Unit(s)	
	Overall frame dimension height ≥ 1990 mm				
	For profile cylinder, left-hand hinged		274980 ●	_______	/ each
	For profile cylinder, right-hand hinged		274983 ●	_______	/ each
	Overall frame dimension height ≥ 1990 mm				
	For round cylinder, left-hand hinged		275590 ⌛	_______	/ each
	For round cylinder, right-hand hinged		275591 ⌛	_______	/ each
	Note: Subsequent replacement with the hook bolt lock is only possible from an overall frame dimension height of 2100 mm.				
	✔ TPS, THP, MZ Thermo46, MZ Thermo65				

ORDER	
	Customer no.: Order no.:
	Customer name:
	Shipping address:
	Place / date: Stamp and signature

12. Multiple-point locking

with function E, continuous spindle

Article	Description	Production period	Art. no.	Quantity	€
	**Anti-panic multiple-point locking (hook bolt) with panic function E, ☐ 9 mm**			Unit(s)	
	Overall frame dimension height ≥ 1990 mm				
	For profile cylinder, left-hand hinged		274974 ●	_______	/ each
	For profile cylinder, right-hand hinged		274977 ●	_______	/ each
	Overall frame dimension height ≥ 1990 mm				
	For round cylinder, left-hand hinged		275584 ⌛	_______	/ each
	For round cylinder, right-hand hinged		275589 ⌛	_______	/ each
	Note: Subsequent replacement with the hook bolt lock is only possible from an overall frame dimension height of 2100 mm.				
	✔ TPS, THP, MZ Thermo46 , MZ Thermo65				

ORDER

Customer no.: Order no.:

Customer name:

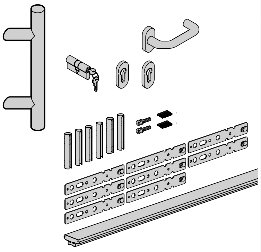
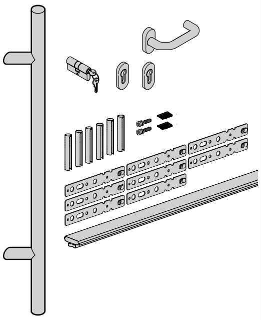
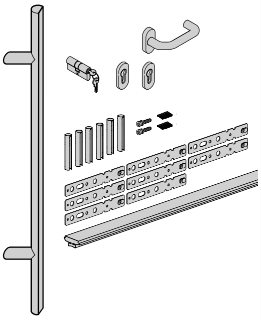
Shipping address:

Place / date:

Stamp and signature

13. Fitting packs

For TPS

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting pack 01** • Handle HB 14-2 • Exterior oval rose escutcheon (screwed) • Interior lever handle D-116, oval rose escutcheon • Interior oval rose escutcheon (bonded) • Profile cylinder 27.5 + 35.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS		277257 •	Unit(s) ________	**/ each**
	**Fitting pack 02** • Handle HB 38-2 • Exterior oval rose escutcheon (screwed) • Interior lever handle D-116, oval rose escutcheon • Interior oval rose escutcheon (bonded) • Profile cylinder 27.5 + 35.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS		277298 •	Unit(s) ________	**/ each**
	**Fitting pack 48** • Handle HB 38-3 • Exterior oval rose escutcheon (screwed) • Interior lever handle D-116, oval rose escutcheon • Interior oval rose escutcheon (bonded) • Profile cylinder 27.5 + 35.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS		270165 •	Unit(s) ________	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

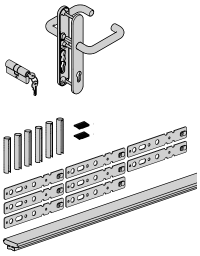
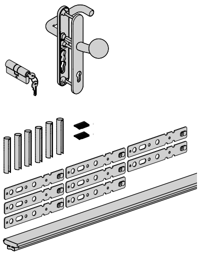
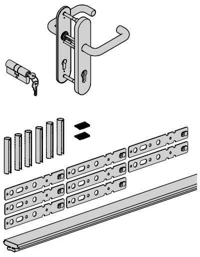
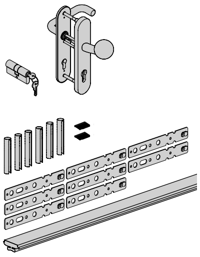
Shipping address: ______________________

Place / date:

Stamp and signature

13. Fitting packs

For TPS

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting pack 03** • Fitting ES 0 lever handle D-116 / D-116 • Profile cylinder 31.5 + 40.5 mm • Decorative caps (6 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS		277300 •	Unit(s) ________	**/ each**
	**Fitting pack 04** • Fitting ES 0 lever / knob D-116 / K-160 • Profile cylinder 31.5 + 40.5 mm • Decorative caps (6 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS		277302 •	Unit(s) ________	**/ each**
	**Fitting pack 05** • Fitting ES 1 lever handle D-116 / D-116 • Profile cylinder 40.5 + 31.5 mm • Decorative caps (6 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS / KSI Thermo46		343355 •	Unit(s) ________	**/ each**
	**Fitting pack 06** • Fitting ES 1 lever / knob D-116 / K-160 • Profile cylinder 40.5 + 31.5 mm • Decorative caps (6 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS / KSI Thermo46		343356 •	Unit(s) ________	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

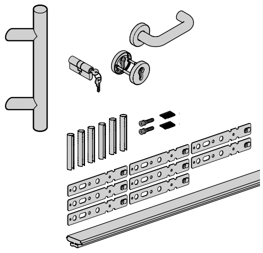
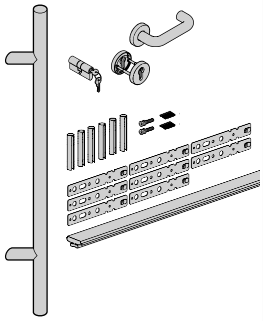
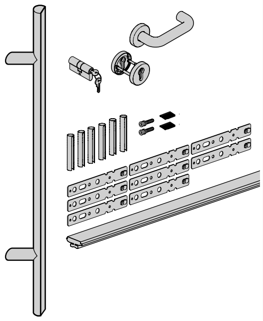
Shipping address:

Place / date:

Stamp and signature

13. Fitting packs

For TPS

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting pack 07** • Handle HB 14-2 • Interior lever handle D-110, round rose escutcheon • Interior and exterior round rose escutcheon • Profile cylinder 31.5 + 40.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS	Replaces article 278087	274741 ●	Unit(s) ________	**/ each**
	**Fitting pack 08** • Handle HB 38-2 • Interior lever handle D-110, round rose escutcheon • Interior and exterior round rose escutcheon • Profile cylinder 31.5 + 40.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS	Replaces article 278089	274743 ●	Unit(s) ________	**/ each**
	**Fitting pack 49** • Handle HB 38-3 • Interior lever handle D-110, round rose escutcheon • Interior and exterior round rose escutcheon • Profile cylinder 31.5 + 40.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Brush seals (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold ✔ TPS		270166 ●	Unit(s) ________	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

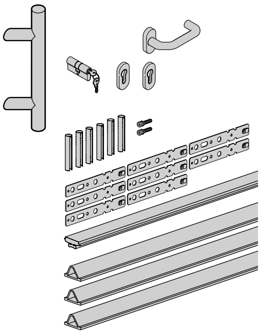
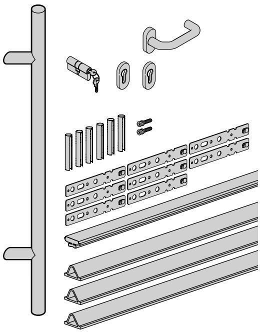
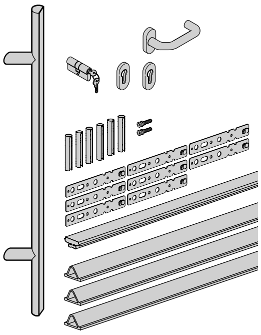
Shipping address:

Place / date:

Stamp and signature

13. Fitting packs

For THP

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting pack A** • Handle HB 14-2 • Exterior oval rose escutcheon (screwed) • Interior lever handle D-116, oval rose escutcheon • Interior oval rose escutcheon (bonded) • Profile cylinder 40.5 + 40.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		277352 •	Unit(s) _______	/ each
	**Fitting pack B** • Handle HB 38-2 • Exterior oval rose escutcheon (screwed) • Interior lever handle D-116, oval rose escutcheon • Interior oval rose escutcheon (bonded) • Profile cylinder 40.5 + 40.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		277354 •	Unit(s) _______	/ each
	**Fitting pack S** • Handle HB 38-3 • Exterior oval rose escutcheon (screwed) • Interior lever handle D-116, oval rose escutcheon • Interior oval rose escutcheon (bonded) • Profile cylinder 40.5 + 40.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		270168 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

Customer name:

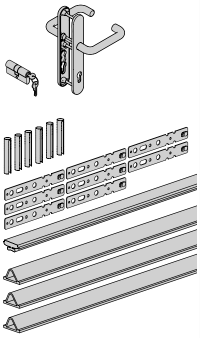
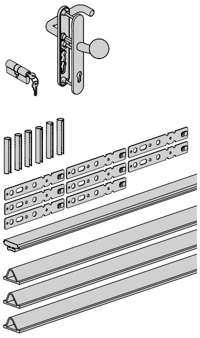
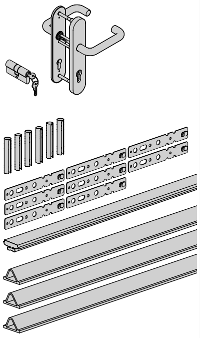
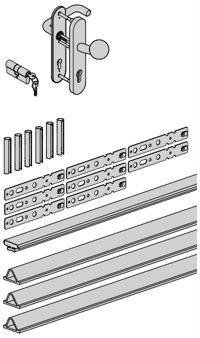
Shipping address: ______________________________

Place / date:

Stamp and signature

13. Fitting packs

For THP

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting pack C** • Fitting ES 0 lever handle D-116 / D-116 • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		277357 •	Unit(s) _______	/ each
	**Fitting pack D** • Fitting ES 0 lever / knob D-116 / K-160 • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		277359 •	Unit(s) _______	/ each
	**Fitting pack E** • Fitting ES 1 lever handle D-116 / D-116 • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		343357 •	Unit(s) _______	/ each
	**Fitting pack F** • Fitting ES 1 lever / knob D-116 / K-160 • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		343358 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

Customer name:

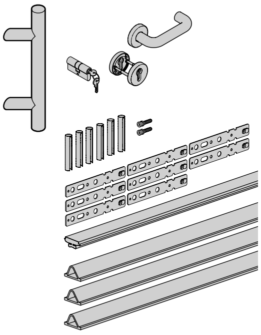
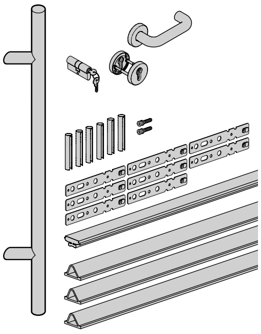
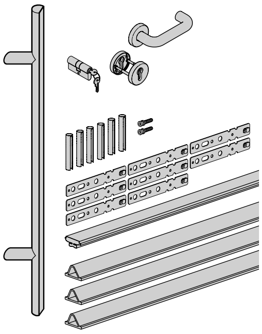
Shipping address: ____________________

Place / date:

Stamp and signature

13. Fitting packs

For THP

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting pack G** • Handle HB 14-2 • Interior lever handle D-110, round rose escutcheon • Interior and exterior round rose escutcheon • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		277433 •	Unit(s) ________	**/ each**
	**Fitting pack H** • Handle HB 38-2 • Interior lever handle D-110, round rose escutcheon • Interior and exterior round rose escutcheon • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		277862 •	Unit(s) ________	**/ each**
	**Fitting pack T** • Handle HB 38-3 • Interior lever handle D-110, round rose escutcheon • Interior and exterior round rose escutcheon • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • System screws (2 ×) • Screw-in anchors (8 ×) • Cover profile for threshold • Security strips (3 ×) ✔ THP		270169 •	Unit(s) ________	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

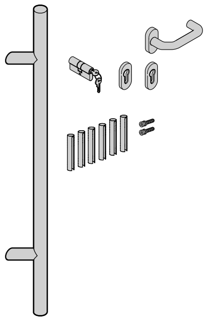
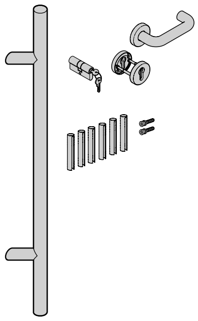
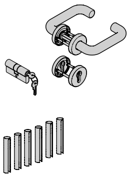
Shipping address: ____________________

Place / date:

Stamp and signature

13. Fitting packs

for IP / IPS

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting pack P02** • Handle HB 38-2 • Exterior oval rose escutcheon (screwed) • Interior lever handle D-116, oval rose escutcheon • Interior oval rose escutcheon (bonded) • Profile cylinder 40.5 + 40.5 mm • Decorative caps (6 ×) • System screws (2 ×) ✔ IP		273918 •	Unit(s) _______	/ each
	**Fitting pack P08** • Handle HB 38-2 • Interior lever handle D-110, round rose escutcheon • Interior and exterior round rose escutcheon • Profile cylinder 45.5 + 45.5 mm • Decorative caps (6 ×) • System screws (2 ×) ✔ IPS		273919 •	Unit(s) _______	/ each
	**Fitting pack P39** • Lever handle set D110 with rose escutcheon • Profile cylinder 40.5 + 40.5 mm • Decorative caps (6 ×) ✔ IP		274007 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

Customer name:

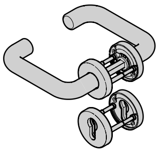
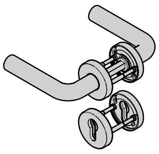
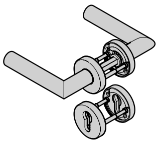
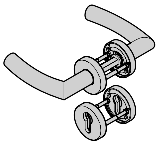
Shipping address:

Place / date:

Stamp and signature

14. Lever handle sets

Rose escutcheon

Article	Description	Production period	Art. no.	Quantity	€
	**Lever handle set D-110 with rose escutcheon, prepared for profile cylinder, □ 8 mm** Stainless steel ✔ TPS, THP, IP		343143 •	Unit(s) _______	/ each
	**Lever handle set D-210 with rose escutcheon, prepared for profile cylinder, □ 8 mm** Stainless steel ✔ TPS, THP		340008 •	Unit(s) _______	/ each
	**Lever handle set D-310 with rose escutcheon, prepared for profile cylinder, □ 8 mm** Stainless steel ✔ TPS, THP		340010 •	Unit(s) _______	/ each
	**Lever handle set D-510 with rose escutcheon, prepared for profile cylinder, □ 8 mm** Stainless steel ✔ TPS, THP		340011 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

Customer name:

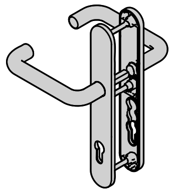
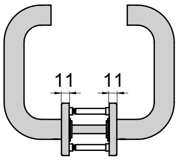
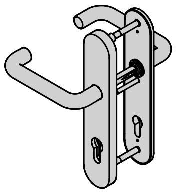
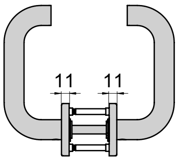
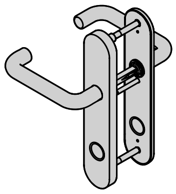
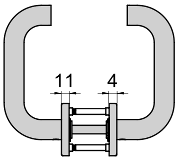
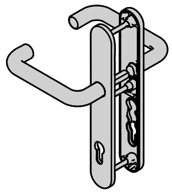
Shipping address: ______________________

Place / date:

Stamp and signature

14. Lever handle sets

ES 0 / ES 1

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting ES 0 – lever handle set D-116, prepared for profile cylinder, □ 8 mm** Stainless steel  ✔ TPS, THP		277337 •	Unit(s)	/ each
	**Fitting ES 1 – lever handle set D-116, prepared for profile cylinder, □ 8 mm** Stainless steel  ✔ TPS, THP, KSI Thermo46	From 04.2015	343330 •	Unit(s)	/ each
	**Fitting ES 1 – lever handle set D-116, prepared for round cylinder, □ 8 mm** Stainless steel  ✔ TPS, THP, KSI Thermo46	Replaces article 277421	343510 •	Unit(s)	/ each
	**Fitting ES 0 – lever handle set, prepared for profile cylinder, □ 8 mm** Aluminium ✔ TH		343504 •	Unit(s)	/ each

ORDER

Customer no.: Order no.:

Customer name:

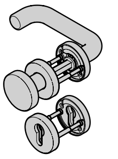
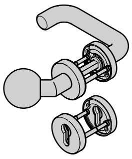
Shipping address:

Place / date:

Stamp and signature

15. Lever / knob handle sets

Rose escutcheon

Article	Description	Production period	Art. no.	Quantity	€
	**Lever / knob handle set D-110 / K-130 with rose escutcheon, prepared for profile cylinder, ☐ 8 mm** Stainless steel ✔ TPS, THP	Until 11.2019	344986 •	Unit(s) _______	**/ each**
	**Lever / knob handle set D-110 / K-160 with rose escutcheon, prepared for profile cylinder, ☐ 8 mm** Stainless steel ✔ TPS, THP	From 12.2019	274899 •	Unit(s) _______	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

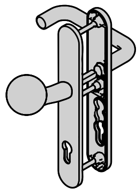
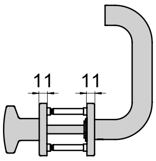
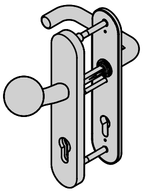
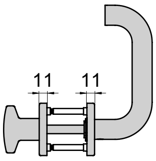
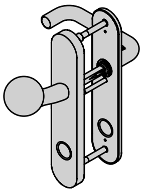
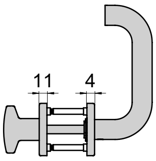
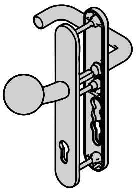
Shipping address:

Place / date:

Stamp and signature

15. Lever / knob handle sets

ES 0 / ES 1

Article	Description	Production period	Art. no.	Quantity	€
	**Fitting ES 0 – lever / knob handle set D-116 / K-160, prepared for profile cylinder, □ 8 mm** Stainless steel  ✔ TPS, THP		277339 •	Unit(s) ________	/ each
	**Fitting ES 1 – lever / knob handle set D-116 / K-160, prepared for profile cylinder, □ 8 mm** Stainless steel  ✔ TPS, THP, KSI Thermo46	From 03.2015	343331 •	Unit(s) ________	/ each
	**Fitting ES 1 – lever / knob handle set D-116 / K-160, prepared for round cylinder, □ 8 mm** Stainless steel  ✔ TPS, THP, KSI Thermo46	Replaces article 277423	343511 •	Unit(s) ________	/ each
	**Fitting ES 0 – lever / knob handle set, prepared for profile cylinder, □ 8 mm** Aluminium ✔ TH		343505 •	Unit(s) ________	/ each

ORDER

Customer no.: Order no.:

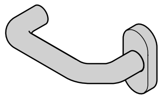
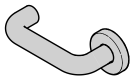
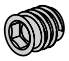
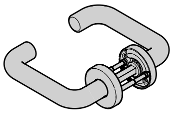
Customer name:

Shipping address:

Place / date:

Stamp and signature

16. Lever handle

Article	Description	Production period	Art. no.	Quantity	€
	**Interior lever handle D-116 with oval rose escutcheon, ☐ 8 mm** Stainless steel ✔ TH, TPS, THP, IP		277261 •	Unit(s) _______	/ each
	**Interior lever handle D-110 with round rose escutcheon, ☐ 8 mm, for round rose escutcheon ES 1** Stainless steel ✔ TPS, THP, IPS		277417 •	Unit(s) _______	/ each
	**Rampa sleeves for fastening the interior lever**			Unit(s)	
	Length 14 mm, door opening inwards		699806 •	_______	/ each
	Length 10 mm, door opening outwards ✔ TH, TPS		691483 •	_______	/ each
	Length 14 mm ✔ THP, IP		699806 •	_______	/ each
	**Lever handle D-110 / lever handle D-110 with round rose escutcheon, ☐ 8 mm** Stainless steel ✔ TPS, THP		277419 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

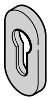
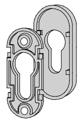
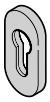
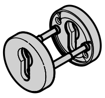
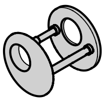
Customer name:

Shipping address:

Place / date:

Stamp and signature

17. Rose escutcheons

Article	Description	Production period	Art. no.	Quantity	€
	**Exterior oval rose escutcheon (screwed), prepared for profile cylinder** Stainless steel ✔ TH, TPS, IP		691124 •	Unit(s) _______	/ each
	**Exterior oval rose escutcheon (screwed), prepared for profile cylinder** Stainless steel ✔ TPS, THP, IP		344319 •	Unit(s) _______	/ each
	**Interior oval rose escutcheon (bonded), prepared for profile cylinder** Stainless steel ✔ TPS, THP, IP		691122 •	Unit(s) _______	/ each
	**Round rose escutcheon ES 1, prepared for profile cylinder**			Unit(s)	
	Stainless steel, internal rose escutcheon height = 8 mm ✔ TPS with profile cylinder 40.5 + 31.5 mm ✔ THP with profile cylinder 40.5 + 45.5 mm	Until 04.2018 Until 04.2018	277415 ↻	_______	/ each
	Stainless steel, internal rose escutcheon height = 10 mm ✔ TPS with profile cylinder 40.5 + 31.5 mm ✔ THP with profile cylinder 45.5 + 45.5 mm ✔ IPS with profile cylinder 45.5 + 45.5 mm	Replaces article 277415 From 05.2018 From 05.2018	271791 ↻	_______	/ each
	Stainless steel, internal rose escutcheon height = 11 mm ✔ TPS with profile cylinder 40.5 + 31.5 mm ✔ THP with profile cylinder 45.5 + 45.5 mm ✔ IPS with profile cylinder 45.5 + 45.5 mm	Replaces article 271791 From 05.2018 From 05.2018	274664 •	_______	/ each
	**Interior and exterior round rose escutcheon, prepared for round cylinder** Stainless steel ✔ TPS, THP		273271 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

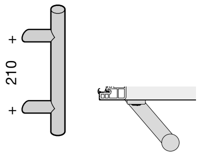
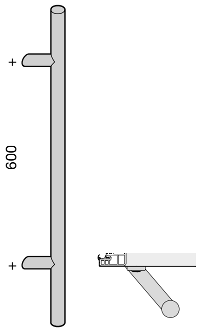
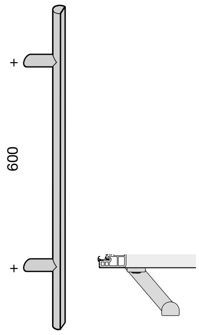
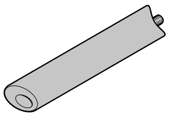
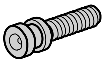
Customer name:

Shipping address:

Place / date:

Stamp and signature

18. Push bars

Article	Description	Production period	Art. no.	Quantity	€
	**Handle HB 14-2** Brushed stainless steel ✔ TH, TPS, THP		691080 •	Unit(s) _______	/ each
	**Handle HB 38-2** Brushed stainless steel ✔ TPS, THP, IP, IPS		691084 •	Unit(s) _______	/ each
	**Handle HB 38-3** Brushed stainless steel ✔ TPS, THP		270163 •	Unit(s) _______	/ each
	**Extended handle support bracket*, 130 mm** for handle HB 14-2, HB 38-2 and HB 38-3 *2 units are required for a push bar ✔ TH, TPS, THP, IP, IPS		5033442 •	Unit(s) _______	/ each
	**System screw for fastening the push bar** ✔ TH, TPS, THP, IP, IPS		343892 •	Unit(s) _______	/ each

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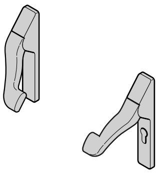
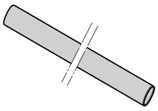
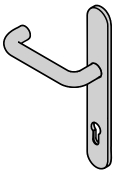
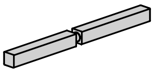
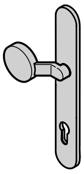
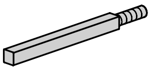
19. Push bar acc. to DIN EN 1125

Article	Description	Production period	Art. no.	Quantity	€
	**Gearbox unit lever arm cover plate push bar PC** Silver, prepared for profile cylinder ✔ MZ Thermo46, MZ Thermo65		274971 •	Unit(s) _______	/ each
	**Bar handle, length 960 mm** Aluminium F1 ✔ MZ Thermo46, MZ Thermo65		271938 •	Unit(s) _______	/ each
	**Half handle set lever handle** Silver ✔ MZ Thermo46, MZ Thermo65		275035 •	Unit(s) _______	/ each
	**Divided square, ☐ 9 mm** 30 + 55 mm (MZ Thermo46) 40 + 60 mm (MZ Thermo65) ✔ MZ Thermo46, MZ Thermo65		274973 • 274979 •	Unit(s) _______ _______	/ each / each
	**Half handle set knob** Silver ✔ MZ Thermo46, MZ Thermo65		275036 •	Unit(s) _______	/ each
	**Lever / knob pin, ☐ 9 mm** 60 mm (MZ Thermo46) 75 mm (MZ Thermo65) ✔ MZ Thermo46, MZ Thermo65		274978 • 274982 •	Unit(s) _______ _______	/ each / each
	Fitting screw M5 × 40 mm (MZ Thermo46) M5 × 60 mm (MZ Thermo65) ✔ MZ Thermo46, MZ Thermo65		274975 • 274981 •	Unit(s) _______ _______	/ each / each

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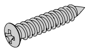
19. Push bar acc. to DIN EN 1125

Article	Description	Production period	Art. no.	Quantity	€
	Threaded sleeve M5 × 30 mm ✔ MZ Thermo46, MZ Thermo65		274976 •	Unit(s) _______	/ each
	**Fitting screw for the gearbox unit (hinge / lock side)** 4.5 × 40 mm ✔ MZ Thermo46, MZ Thermo65		691417 •	Unit(s) _______	/ each

Components for a complete fitting	MZ Thermo46			MZ Thermo65		
Push bar according to DIN EN 1125 with lever handle	Gearbox unit lever arm	1 ×	274971	Gearbox unit lever arm	1 ×	274971
	Bar handle, length 960 mm	1 ×	271938	Bar handle, length 960 mm	1 ×	271938
	Half handle set lever handle	1 ×	275035	Half handle set lever handle	1 ×	275035
	Divided square 30 + 55 mm	1 ×	274973	Divided square 40 + 60 mm	1 ×	274979
	Fitting screw M5 × 40 mm	2 ×	274975	Fitting screw M5 × 60 mm	2 ×	274981
	Threaded sleeve M5 × 30 mm	2 ×	274976	Threaded sleeve M5 × 30 mm	2 ×	274976
	Fitting screw 4.5 × 40 mm	4 ×	691417	Fitting screw 4.5 × 40 mm	4 ×	691417
	Profile cylinder 40.5 + 31.5 mm	1 ×	690999	Profile cylinder 45.5 + 45.5 mm	1 ×	277234
Push bar acc. to DIN EN 1125 with knob	Gearbox unit lever arm	1 ×	274971	Gearbox unit lever arm	1 ×	274971
	Bar handle, length 960 mm	1 ×	271938	Bar handle, length 960 mm	1 ×	271938
	Half handle set knob	1 ×	275036	Half handle set knob	1 ×	275036
	Lever / knob pin 60 mm	1 ×	274978	Lever / knob pin 75 mm	1 ×	274982
	Fitting screw M5 × 40 mm	2 ×	274975	Fitting screw M5 × 60 mm	2 ×	274981
	Threaded sleeve M5 × 30 mm	2 ×	274976	Threaded sleeve M5 × 30 mm	2 ×	274976
	Fitting screw 4.5 × 40 mm	4 ×	691417	Fitting screw 4.5 × 40 mm	4 ×	691417
	Profile cylinder 40.5 + 31.5 mm	1 ×	690999	Profile cylinder 45.5 + 45.5 mm	1 ×	277234

ORDER

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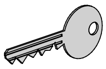
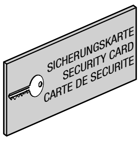
20. Duplicate key / security card

Article	Description	Production period	Art. no.	Quantity	€
	**Duplicate key for profile cylinder with security card (copy of security card required)** ✔ TPS, THP, IPS		ERSTP ⌛	Unit(s) ______	**/ each**
 SICHERUNGSKARTE SECURITY CARD CARTE DE SECURITE	**Security card for profile cylinder** ✔ TPS, THP, IPS, KSI Thermo46		ERSTP ⌛	Unit(s) ______	**/ each**

ORDER

Customer no.: ______ Order no.: ______

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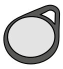
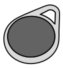
21. Electromechanical knob cylinder

Article	Description	Production period	Art. no.	Quantity	€
	**Additional transponders**			Unit(s)	
	User medium (black)*	Until 10.2017	ERSTP ⌛	_______	/ each
	Program master (blue)*	Until 10.2017	ERSTP ⌛	_______	/ each
	Time master (transparent)*	Until 10.2017	ERSTP ⌛	_______	/ each
	* The OF number from the system master (white) is required for a repeat order.				
	✔ THP				
	**Additional transponders**			Unit(s)	
	User medium (dark blue)*	From 11.2017	ERSTP ⌛	_______	/ each
	Program master (black)*	From 11.2017	ERSTP ⌛	_______	/ each
	Time master (grey)*	From 11.2017	ERSTP ⌛	_______	/ each
	* The OF number from the system master (white) is required for a repeat order.				
	✔ THP				

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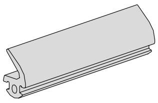
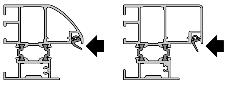
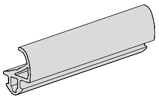
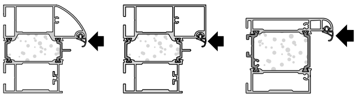
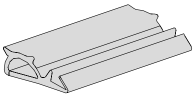
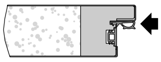
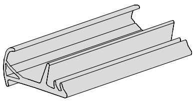
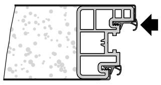
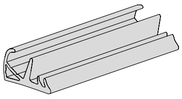
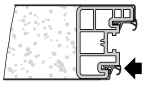
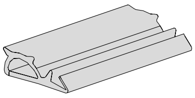
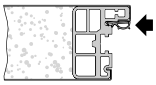
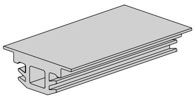
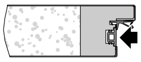
22. Accessory bags / seals

Article	Description	Production period	Art. no.	Quantity	€
	**Seal for aluminium frame profiles A1 & A2**  ✔ TPS, MZ Thermo46, KSI Thermo46		ERSTP •	Metres _______	/ m.
	**Seal for aluminium frame profile A3, A4 and A5**  ✔ THP, MZ Thermo65, IP, IPS		ERSTP •	Metres _______	/ m.
	**Door leaf seal (door rebate)**  ✔ TPS, MZ Thermo46, KSI Thermo46		ERSTP •	Metres _______	/ m.
	**Door leaf seal (door rebate)**  ✔ THP, MZ Thermo65		ERSTP •	Metres _______	/ m.
	**Door leaf seal**  ✔ THP, MZ Thermo65		ERSTP •	Metres _______	/ m.
	**Door leaf seal (door rebate)**  ✔ IP, IPS		ERSTP •	Metres _______	/ m.
	**Door leaf cover profile**  ✔ TPS, MZ Thermo46, KSI Thermo46		ERSTP •	Metres _______	/ m.

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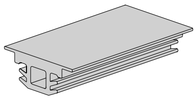
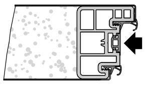
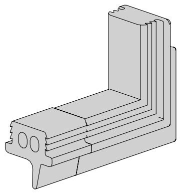
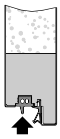
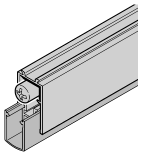
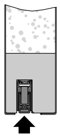
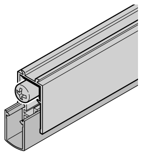
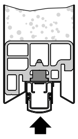
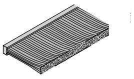
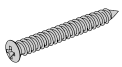
22. Accessory bags / seals

Article	Description	Production period	Art. no.	Quantity	€
	**Door leaf cover profile**  ✔ THP, MZ Thermo65		ERSTP ●	Metres ________	/ m.
	**Wiper seal with seal corners** For overall frame dimension width 1000 mm For overall frame dimension width 1100 mm Special (overall frame dimension) length: _______ mm  ✔ TPS, MZ Thermo46, KSI Thermo46		699817 ● 699983 ● ERSTP ⌛	Unit(s) ________ ________ ________	/ each / each / each
	**Retractable bottom seal**  ✔ TPS, MZ Thermo46, KSI Thermo46		ERSTP ⌛	Unit(s) ________	/ each
	**Retractable bottom seal**  ✔ THP, MZ Thermo65		ERSTP ⌛	Unit(s) ________	/ each
	**Brush seal** ✔ TPS, MZ Thermo46, KSI Thermo46		631287 ●	Unit(s) ________	/ each
	**Accessory bag for extension profile 25 mm** • Fitting screws 4.2 × 60 mm ✔ TPS, MZ Thermo46, KSI Thermo46, IP, IPS		275797 ●	Unit(s) ________	/ each

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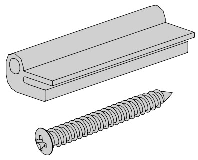
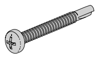
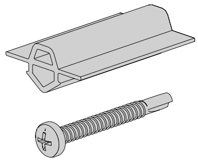
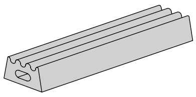
22. Accessory bags / seals

Article	Description	Production period	Art. no.	Quantity	€
	**Accessory bag for extension profile 50 mm** • Coupling seal, 6 m • Fitting screws 7.5 × 92 mm • Fitting screw 4.2 × 60 mm ✔ TPS, MZ Thermo46, KSI Thermo46, IP, IPS		273208 •	Unit(s) _______	/ each
	**Accessory bag for extension profile 25 mm** • Fitting screws 4.8 × 45 mm ✔ THP		279245 •	Unit(s) _______	/ each
	**Accessory bag for extension profile 50 mm** • Coupling seal, 6 m • Fitting screws 4.8 × 45 mm ✔ THP		274595 •	Unit(s) _______	/ each
	**Accessory bag with crown seal** Seal 5.30 m ✔ TPS		690365 •	Unit(s) _______	/ each

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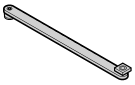
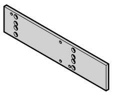
23. Door closer individual parts

Article	Description	Production period	Art. no.	Quantity	€
	**Lever arm HDC 35** ✔TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46		2030603 ⌛	Unit(s) _______	/ each
	**Mounting plate** For HDC 35 ✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46		275075	Unit(s) _______	/ each

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Shipping address:

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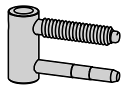
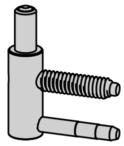
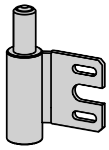
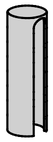
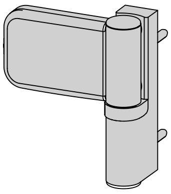
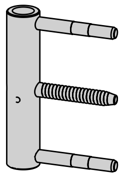
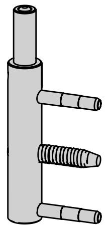
24. Leaf parts of hinge

Article	Description	Production period	Art. no.	Quantity	€
	**Spigot hinge top hinge part** ✔ TPS, MZ Thermo46, KSI Thermo46	Until 08.2011	691138 ↻	Unit(s) _______	/ each
	**Spigot hinge frame part for aluminium frames** ✔ TPS, MZ Thermo46, KSI Thermo46	Until 08.2011	691139 ↻	Unit(s) _______	/ each
	**Spigot hinge frame part for steel frames** Left Right ✔ TPS	Until 08.2011 Until 08.2011	691140 ↻ 691141 ↻	Unit(s) _______ _______	/ each / each
	**Decorative caps (6 caps) for the spigot hinge** White Aluminium / stainless steel look ✔ TPS, MZ Thermo46, KSI Thermo46	Until 08.2011 Until 08.2011	691382 ↻ 691001 ↻	Unit(s) _______ _______	/ each / each
	**Complete lift-off hinge** RAL 8003 Clay brown RAL 9006 White aluminium RAL 9016 Traffic white ✔ TPS	Until 08.2011 Until 08.2011 Until 08.2011	ERSTP ↻ ERSTP ↻ ERSTP ↻	Unit(s) _______ _______ _______	/ each / each / each
	**Guide roller top hinge part 180 mm** ✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46	From 09.2011 Replaces article 273186	273186 ↻ 271887 •	Unit(s) _______ _______	/ each / each
	**Guide roller frame part 180 mm** ✔ TPS, MZ Thermo46, KSI Thermo46	From 09.2011	273985 •	Unit(s) _______	/ each

ORDER

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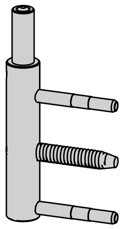
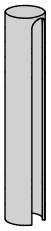
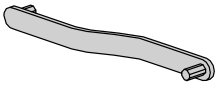
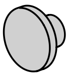
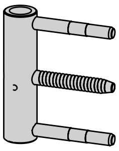
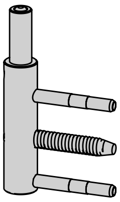
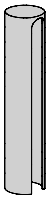
24. Leaf parts of hinge

Article	Description	Production period	Art. no.	Quantity	€
	**Guide roller frame part 180 mm** ✔ THP, MZ Thermo65	Replaces article 277081	275465 •	Unit(s) _______	/ each
	**Decorative caps (6 caps) for the guide roller 180 mm** Aluminium / stainless steel look ✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46	From 09.2011	273939 •	Unit(s) _______	/ each
	**Adjustment key** For guide rollers 180 mm ✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46		274155 •	Unit(s) _______	/ each
	**Cover caps for hinge pockets (guide roller 180 mm)** White ✔ MZ Thermo46, left / right (TPS 081)		275773 •	Unit(s) _______	/ each
	**Guide roller top hinge part 140 mm** ✔ IP, IPS		273927 •	Unit(s) _______	/ each
	**Guide roller frame part 140 mm** ✔ IP, IPS	Replaces article 273928	276397 •	Unit(s) _______	/ each
	**Decorative caps (6 caps) for the guide roller 140 mm** Aluminium / stainless steel look ✔ IP, IPS		276448 •	Unit(s) _______	/ each

ORDER

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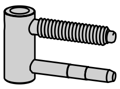
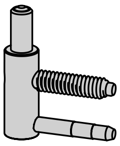
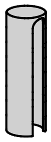
24. Leaf parts of hinge

Article	Description	Production period	Art. no.	Quantity	€
	**Spigot hinge top hinge part** ✔ TH		691138 •	Unit(s) _______	/ each
	**Spigot hinge frame part** ✔ TH		691139 •	Unit(s) _______	/ each
	**Decorative caps (6 caps)** **for the spigot hinge** Aluminium / stainless steel look ✔ TH		691001 ↻	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

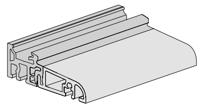
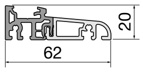
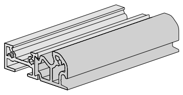
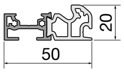
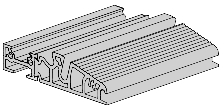
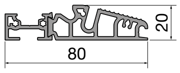
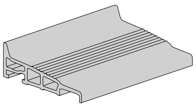
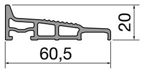
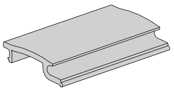
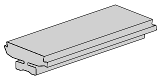
Customer name:

Shipping address:

Place / date:

Stamp and signature

25. Threshold

Article	Description	Production period	Art. no.	Quantity	€
 	**Threshold S01 for aluminium frame A1 / A2 (including threshold supports & screws)** Overall frame dimension length: _______ mm ✔ TPS, MZ Thermo46, KSI Thermo46	From 07.2012	ERSTP •	Unit(s) _______	/ each
 	**Threshold S11 for aluminium frame A3 / A4 (including threshold supports & screws)** Overall frame dimension length: _______ mm ✔ THP, MZ Thermo65		ERSTP •	Unit(s) _______	/ each
 	**Threshold S12 for aluminium frame A4 (including threshold supports & screws)** Overall frame dimension length: _______ mm ✔ THP, MZ Thermo65		ERSTP •	Unit(s) _______	/ each
 	**Threshold S21** Overall frame dimension length: _______ mm ✔ IP, IPS		ERSTP •	Unit(s) _______	/ each
	**Cover profile for threshold** RAM 1250 mm (length 1152 mm) ✔ TPS	Until 07.2011	699880 •	Unit(s) _______	/ each
	**Accessory bag for threshold S01, S11 and S12** Cover profile and 2 × brush seal ✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46	From 08.2011	273438 •	Unit(s) _______	/ each

ORDER

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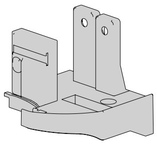
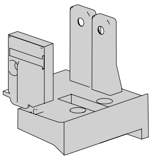
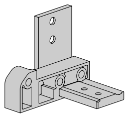
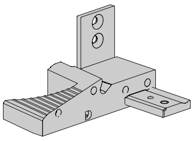
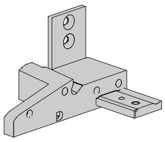
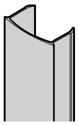
25. Threshold

Article	Description	Production period	Art. no.	Quantity	€
	**Black threshold support for aluminium frame profile A1 with threshold S01** Left Right ✔ TPS	 From 08.2011 From 08.2011	 272291 • 272294 •	Unit(s) _______ _______	 / each / each
	**Black threshold support for aluminium frame profile A2 with threshold S01** Left Right ✔ TPS, MZ Thermo46, KSI Thermo46	 From 08.2011 From 08.2011	 273047 • 273050 •	Unit(s) _______ _______	 / each / each
	**Black threshold support for aluminium frame profile A3 & A4 with threshold S11** Left Right ✔ THP, MZ Thermo65		 342074 • 342073 •	Unit(s) _______ _______	 / each / each
	**Black threshold support for aluminium frame profile A3 with threshold S12** Left Right ✔ THP, MZ Thermo65		 275633 • 275632 •	Unit(s) _______ _______	 / each / each
	**Black threshold support for aluminium frame profile A4 with threshold S12** Left Right ✔ THP, MZ Thermo65		 271445 • 271448 •	Unit(s) _______ _______	 / each / each
	**Cover profile for spacer profile (THP with retractable bottom seal)** Length 1143 mm (RAM 1250 mm) ✔ THP		 344002 •	Unit(s) _______	 / each

ORDER

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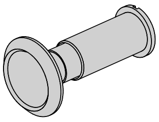
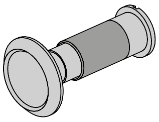
Stamp and signature

26. Spyhole

Article	Description	Production period	Art. no.	Quantity	€
	**Spyhole, separate**			Unit(s)	
	Chrome, viewing angle 200°, door hole 14 mm, door thickness 35 – 55 mm ✔ TPS, MZ Thermo46, KSI Thermo46		343394 •	_______	**/ each**
	Chrome, viewing angle 200°, door hole 14 mm, door thickness 50 – 70 mm ✔ THP, IP, IPS, MZ Thermo65		343395 •	_______	**/ each**
	**Spyhole, with thermal break** Viewing angle 180°, door thickness 42 – 55 mm + extension by 18.5 mm ✔ TPS, THP, IP, IPS, MZ Thermo46, MZ Thermo65, KSI Thermo46		273315 •	Unit(s) _______	**/ each**

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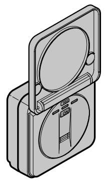
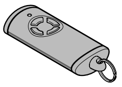
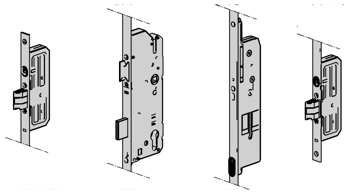


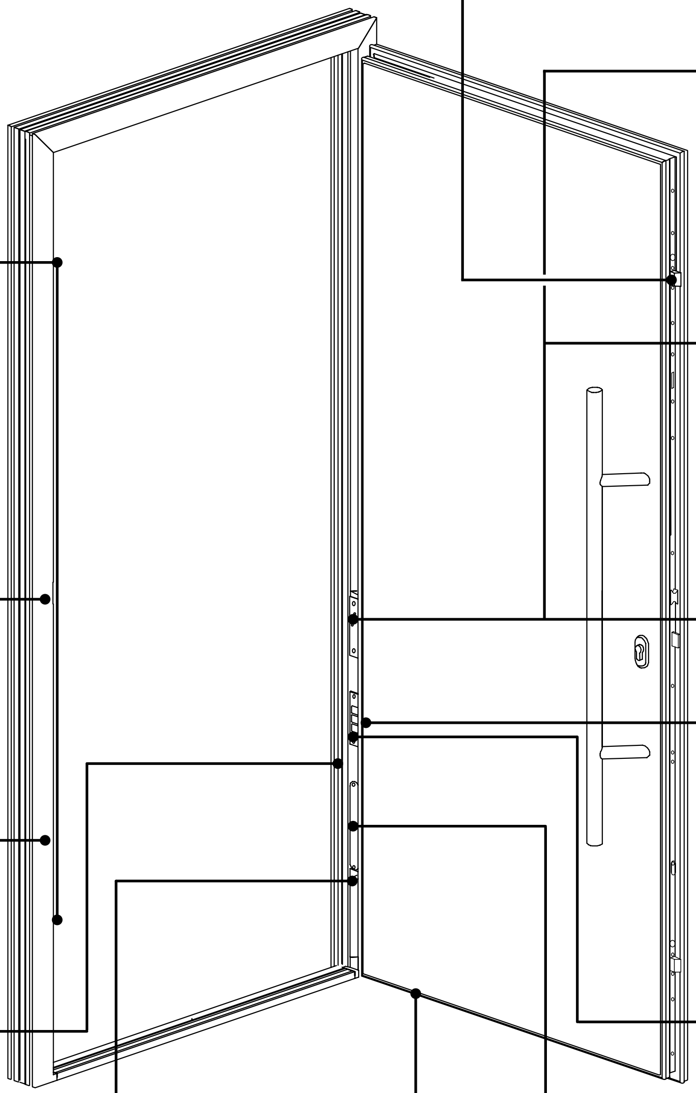
Radio finger-scan FFL25-1 868-BS	
	4511865

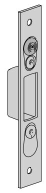


Hand transmitter HSE 4 BS	
	4511763

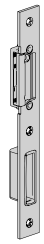


Automatic lock with electric motor		
for profile cylinders	Left-hand hinged	Right-hand hinged
Overall frame dimension height < 2100 mm	343667	343668
Overall frame dimension height ≥ 2100 mm	343682	343683

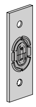




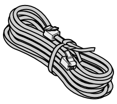
Lock plate for the secondary latch	
	343671



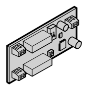
Lock plate for main lock latch / bolt	
Left-hand hinged	343669
Right-hand hinged	343670



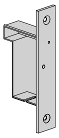
Magnetic contact	
	343672



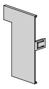
Connection cable	
	343676



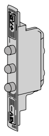
Receiver circuit board	
BiSecur	436741
BlueSecur	4510214



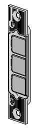
Housing for receiver circuit board	
	343679



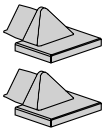
Cover (housing) for receiver circuit board	
	343721



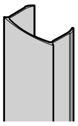
Tappet contact	
	343673



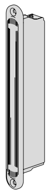
Contact surface	
	343674



Transition joint covers	
	343677



Clip-on profile	
	344002



Switching power supply	
	343675

ORDER

Customer no.: Order no.:

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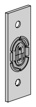
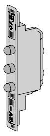
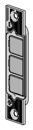
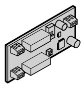
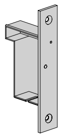
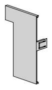
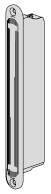
27. Electric extras for automation solution

Article	Description	Production period	Art. no.	Quantity	€
	**Magnetic contact (frame) for automatic lock with electric motor** ✔ THP		343672 •	Unit(s) _______	/ each
	**Tappet contact (door leaf) including cable for automatic lock with electric motor** ✔ THP		343673 •	Unit(s) _______	/ each
	**Contact surface (frame) for automatic lock with electric motor** ✔ THP		343674 •	Unit(s) _______	/ each
	**Receiver circuit board (frame)** BiSecur BlueSecur ✔ THP		 436741 • 4510214 •	Unit(s) _______ _______	 / each / each
	**Housing (frame) for receiver circuit board** ✔ THP		343679 •	Unit(s) _______	/ each
	**Cover (frame) for housing for receiver circuit board** ✔ THP		343721 •	Unit(s) _______	/ each
	**Switching power supply (frame) including cable, length 3 m** ✔ THP		343675 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

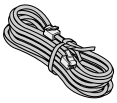
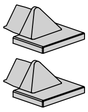
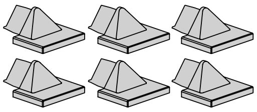
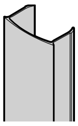
Customer name:

Shipping address:

Place / date:

Stamp and signature

27. Electric extras for automation solution

Article	Description	Production period	Art. no.	Quantity	€
	**Connection cable (frame) for receiver circuit board, tappet contact and power supply unit** ✔ THP		343676 •	Unit(s) _______	/ each
	**Transition joint covers (frame) for the security strip** 1 pair ✔ THP		343677 •	Unit(s) _______	/ each
	**Transition joint covers (frame) for the security strip** 3 pairs (for 1 door set) ✔ THP		270185 •	Unit(s) _______	/ each
	**Clip-on profile (door leaf), black** Length 1143 mm (RAM 1250 mm) ✔ THP		344002 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

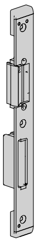
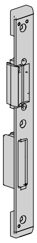
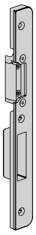
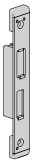
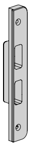
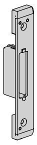
Customer name:

Shipping address:

Place / date:

Stamp and signature

28. Lock plates

Article	Description	Production period	Art. no.	Quantity	€
	**Lock plate (steel) for hook bolt lock, main lock latch / bolt**			Unit(s)	
	Left-hand hinged	09.2011 – 02.2013	274060 ●	_______	**/ each**
	Right-hand hinged	09.2011 – 02.2013	274061 ●	_______	**/ each**
	✔ TPS, MZ Thermo46, KSI Thermo46				
	**Lock plate (steel) for hook bolt lock, main lock latch / bolt**			Unit(s)	
	Left-hand hinged	From 03.2013	274060 ●	_______	**/ each**
	Right-hand hinged	From 03.2013	274061 ●	_______	**/ each**
	✔ TPS in RC 2 ✔ KSI Thermo46				
	**Lock plate (plastic) for hook bolt lock, main lock latch / bolt**			Unit(s)	
	Left-hand hinged (replaces article 277137)	From 03.2013	344385 ●	_______	**/ each**
	Right-hand hinged (replaces article 277139)	From 03.2013	344386 ●	_______	**/ each**
	✔ TPS, TH, MZ Thermo46				
	**Lock plate (steel) for hook bolt lock, secondary latch / hook bolt**			Unit(s)	
			691258 ●	_______	**/ each**
	✔ TPS in RC 2 ✔ KSI Thermo46 ✔ TH				
	**Lock plate (plastic) for hook bolt lock, secondary latch (hook bolt)**			Unit(s)	
		From 03.2013	277145 ●	_______	**/ each**
	✔ TPS				
	**Lock plate (steel) for hook bolt lock, additional bolt**			Unit(s)	
			691448 ●	_______	**/ each**
	✔ TPS				

ORDER

Customer no.: Order no.:

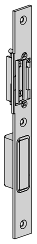
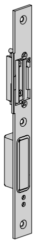
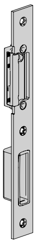
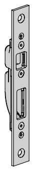
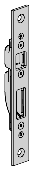
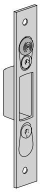
Customer name:

Shipping address: ____________________

Place / date:

Stamp and signature

28. Lock plates

Article	Description	Production period	Art. no.	Quantity	€
	**Lock plate (steel) for hook bolt lock, main lock latch / bolt** Left-hand hinged Right-hand hinged ✔ THP with hook bolt lock ✔ THP with automatic lock with hook bolt ✔ MZ Thermo65		276986 • 276988 •	Unit(s) _______ _______	/ each / each
	**Lock plate (steel) for hook bolt lock, main lock latch / bolt (fitting for latch switching contact)** Left-hand hinged Right-hand hinged ✔ THP with latch switching contact ✔ MZ Thermo65 with latch switching contact		340015 • 340016 •	Unit(s) _______ _______	/ each / each
	**Lock plate (steel) for automatic lock with electric motor, main lock latch / bolt** Left-hand hinged Right-hand hinged ✔ THP with automatic lock with electric motor		343669 • 343670 •	Unit(s) _______ _______	/ each / each
	**Lock plate (steel) for hook bolt lock, secondary latch (hook bolt)** ✔ THP with hook bolt lock		276990 •	Unit(s) _______	/ each
	**Lock plate (steel) for the automatic lock with hook bolt, secondary latch (hook bolt)** Left-hand hinged Right-hand hinged ✔ THP with automatic lock with hook bolt		270306 • 270311 •	Unit(s) _______ _______	/ each / each
	**Lock plate (steel) for automatic lock with electric motor, secondary latch** ✔ THP with automatic lock with electric motor		343671 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

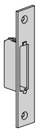
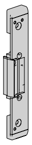
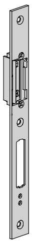
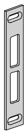
Customer name:

Shipping address:

Place / date:

Stamp and signature

28. Lock plates

Article	Description	Production period	Art. no.	Quantity	€
	**Lock plate (steel) for hook bolt lock, additional bolt** ✔ THP		342174 •	Unit(s) _______	/ each
	**Lock plate (steel) latch / bolt, single-point locking, main lock left / right** ✔ MZ Thermo46 left / right (TPS 081)		275761 •	Unit(s) _______	/ each
	**Lock plate (steel) for hook bolt lock, main lock latch / bolt** Left-hand hinged Right-hand hinged ✔ IP, IPS		 274058 • 274056 •	Unit(s) _______ _______	 / each / each
	**Lock plate (steel) for hook bolt lock, secondary latch (hook bolt)** ✔ IP, IPS		274059 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

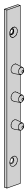
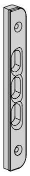
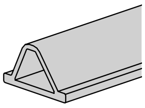
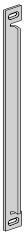
Customer name:

Shipping address: _______________

Place / date:

Stamp and signature

29. Security bolts

Article	Description	Production period	Art. no.	Quantity	€
	**Triple security bolts** ✔ TPS, MZ Thermo46, KSI Thermo46		691667 •	Unit(s) _______	**/ each**
	**Lock plate (plastic) for security bolts** ✔ TPS, MZ Thermo46, KSI Thermo46		271897 •	Unit(s) _______	**/ each**
	**Security strip** 720 mm ✔ THP, MZ Thermo65		278626 •	Unit(s) _______	**/ each**
	**Security strip in the hinge area** ✔ IP, IPS		274052 •	Unit(s) _______	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

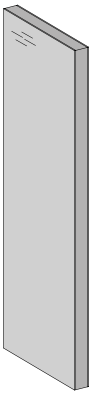
Shipping address: ____________________

Place / date:

Stamp and signature

30. Side element / transom light

For TPS

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for side element, separate***			Unit(s)	
	400 × 2100 mm (overall frame dimension)				
	Clear laminated safety glass / single-pane safety glass Master-Carré		ERSTP ⌛		/ each
	Clear laminated safety glass / single-pane safety ornamental glass 504		ERSTP ⌛		/ each
	Clear laminated safety glass / clear single-pane safety cathedral glass		ERSTP ⌛		/ each
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛		/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛		/ each
	Clear laminated safety glass / sand-blasted laminated safety glass		ERSTP ⌛		/ each
	✔ TPS				
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension)				
	Clear laminated safety glass / single-pane safety glass Master-Carré		ERSTP ⌛		/ each
	Clear laminated safety glass / single-pane safety ornamental glass 504		ERSTP ⌛		/ each
	Clear laminated safety glass / clear single-pane safety cathedral glass		ERSTP ⌛		/ each
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛		/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛		/ each
	Clear laminated safety glass / sand-blasted laminated safety glass		ERSTP ⌛		/ each
	✔ TPS				
	From 501 × 1875 to 1000 × 2250 mm (overall frame dimension)				
	Clear laminated safety glass / single-pane safety glass Master-Carré		ERSTP ⌛		/ each
	Clear laminated safety glass / single-pane safety ornamental glass 504		ERSTP ⌛		/ each
	Clear laminated safety glass / clear single-pane safety cathedral glass		ERSTP ⌛		/ each
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛		/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛		/ each
	Clear laminated safety glass / sand-blasted laminated safety glass		ERSTP ⌛		/ each
	✔ TPS				
	***Plus transport packaging**				/ each

ORDER

Customer no.: Order no.:

Customer name:

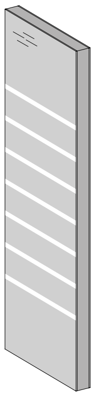
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

For TPS

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for side element, separate***			Unit(s)	
	400 × 2100 mm (overall frame dimension) Clear laminated safety glass / sand-blasted laminated safety glass with clear stripes ✔ TPS 700, TPS 750, TPS 900		ERSTP ⌛	______	**/ each**
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension) Clear laminated safety glass / sand-blasted laminated safety glass with clear stripes ✔ TPS 700, TPS 750, TPS 900		ERSTP ⌛	______	**/ each**
	From 501 × 1875 to 1000 × 2250 mm (overall frame dimension) Clear laminated safety glass / sand-blasted laminated safety glass with clear stripes ✔ TPS 700, TPS 750, TPS 900		ERSTP ⌛	______	**/ each**
	***Plus transport packaging**			______	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

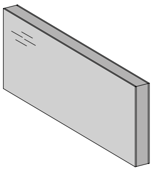
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

For TPS

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for transom light, separate***			Unit(s)	
	From 700 × 300 to 1250 × 500 mm (overall frame dimension)				
	Clear laminated safety glass / single-pane safety glass Master-Carré		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / single-pane safety ornamental glass 504		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / clear single-pane safety cathedral glass		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / sand-blasted laminated safety glass		ERSTP ⌛	_______	**/ each**
	✔ TPS				
	From 1251 × 300 to 2250 × 500 mm (overall frame dimension)				
	Clear laminated safety glass / single-pane safety glass Master-Carré		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / single-pane safety ornamental glass 504		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / clear single-pane safety cathedral glass		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	**/ each**
	Clear laminated safety glass / sand-blasted laminated safety glass		ERSTP ⌛	_______	**/ each**
	✔ TPS				
	***Plus transport packaging**			_______	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

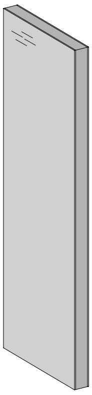
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

For THP

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for side element, separate***			Unit(s)	
	400 × 2100 mm (overall frame dimension)				
	Clear laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	_______	/ each
	✔ THP				
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension)				
	Clear laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	_______	/ each
	✔ THP				
	From 501 × 1875 to 1000 × 2250 mm (overall frame dimension)				
	Clear laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	_______	/ each
	✔ THP				
	***Plus transport packaging**			_______	/ each

ORDER

Customer no.: Order no.:

Customer name:

Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

For THP

Article	Description	Production period	Art. no.	Quantity	€
	Glass for side element in RC 2, separate*			Unit(s)	
	400 × 2100 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	______	/ each
	Clear P4A laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	______	/ each
	Clear P4A laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	______	/ each
	✔ THP				
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	______	/ each
	Clear P4A laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	______	/ each
	Clear P4A laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	______	/ each
	✔ THP				
	From 501 × 1875 to 550 × 2250 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	______	/ each
	Clear P4A laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	______	/ each
	Clear P4A laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	______	/ each
	✔ THP				
	***Plus transport packaging**			______	/ each

ORDER

Customer no.: Order no.:

Customer name:

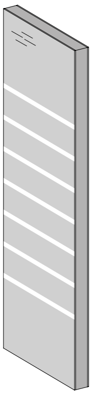
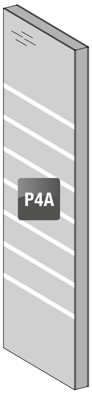
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

For THP

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for side element, separate***			Unit(s)	
	400 × 2100 mm (overall frame dimension) Clear laminated safety glass / sand-blasted with clear stripes / clear laminated safety glass ✔ THP 700, THP 750, THP 850, THP 900		ERSTP ⌛	_______	**/ each**
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension) Clear laminated safety glass / sand-blasted with clear stripes / clear laminated safety glass ✔ THP 700, THP 750, THP 850, THP 900		ERSTP ⌛	_______	**/ each**
	From 501 × 1875 to 1000 × 2250 mm (overall frame dimension) Clear laminated safety glass / sand-blasted with clear stripes / clear laminated safety glass ✔ THP 700, THP 750, THP 850, THP 900		ERSTP ⌛	_______	**/ each**
	***Plus transport packaging**			_______	**/ each**
	**Glass for side element in RC 2, separate***			Unit(s)	
	400 × 2100 mm (overall frame dimension) Clear P4A laminated safety glass / sand-blasted with clear stripes / clear laminated safety glass ✔ THP 700, THP 750, THP 850, THP 900		ERSTP ⌛	_______	**/ each**
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension) Clear P4A laminated safety glass / sand-blasted with clear stripes / clear laminated safety glass ✔ THP 700, THP 750, THP 850, THP 900		ERSTP ⌛	_______	**/ each**
	From 501 × 1875 to 550 × 2250 mm (overall frame dimension) Clear P4A laminated safety glass / sand-blasted with clear stripes / clear laminated safety glass ✔ THP 700, THP 750, THP 850, THP 900		ERSTP ⌛	_______	**/ each**
	***Plus transport packaging**			_______	**/ each**

ORDER

Customer no.: Order no.:

Customer name:

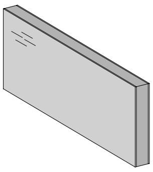
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

For THP

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for transom light, separate***			Unit(s)	
	From 700 × 300 to 1250 × 500 mm (overall frame dimension)				
	Clear laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	________	/ each
	Clear laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	________	/ each
	Clear laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	________	/ each
	✔ THP				
	From 1251 × 300 to 1750 × 500 mm (overall frame dimension)				
	Clear laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	________	/ each
	Clear laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	________	/ each
	Clear laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	________	/ each
	✔ THP				
	From 1751 × 300 to 2250 × 500 mm (overall frame dimension)				
	Clear laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	________	/ each
	Clear laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	________	/ each
	Clear laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	________	/ each
	✔ THP				
	***Plus transport packaging**			________	/ each

ORDER

Customer no.: Order no.:

Customer name:

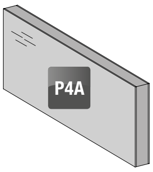
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

For THP

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for transom light in RC 2, separate***			Unit(s)	
	From 700 × 300 to 1250 × 500 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	_______	/ each
	✔ THP				
	From 1251 × 300 to 1750 × 500 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	_______	/ each
	✔ THP				
	From 1751 × 300 to 2250 × 500 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / Satinato / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / sandblasted / clear laminated safety glass		ERSTP ⌛	_______	/ each
	✔ THP				
	***Plus transport packaging**			_______	/ each

ORDER

Customer no.: Order no.:

Customer name:

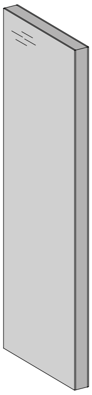
Shipping address: _______________

Place / date:

Stamp and signature

30. Side element / transom light

for IP / IPS

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for side element, separate***			Unit(s)	
	400 × 2100 mm (overall frame dimension)				
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IP				
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension)				
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IP				
	From 501 × 1875 to 1000 × 2250 mm (overall frame dimension)				
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IP				
	***Plus transport packaging**			_______	/ each
	Glass for side element in RC 2, separate*			Unit(s)	
	400 × 2100 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IPS				
	From 300 × 1875 to 500 × 2250 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IPS				
	***Plus transport packaging**			_______	/ each

ORDER

Customer no.: Order no.:

Customer name:

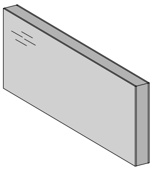
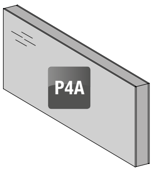
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

for IP / IPS

Article	Description	Production period	Art. no.	Quantity	€
	**Glass for transom light, separate***			Unit(s)	
	From 700 × 300 to 1250 × 500 mm (overall frame dimension)				
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IP				
	From 1251 × 300 to 2250 × 500 mm (overall frame dimension)				
	Clear laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IP				
	***Plus transport packaging**			_______	/ each
	**Glass for transom light in RC 2, separate***			Unit(s)	
	From 700 × 400 to 1250 × 500 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IPS				
	From 1251 × 400 to 2250 × 500 mm (overall frame dimension)				
	Clear P4A laminated safety glass / clear laminated safety glass		ERSTP ⌛	_______	/ each
	Clear P4A laminated safety glass / Satinato single-pane safety glass		ERSTP ⌛	_______	/ each
	✔ IPS				
	***Plus transport packaging**			_______	/ each

ORDER

Customer no.: Order no.:

Customer name:

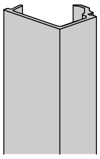
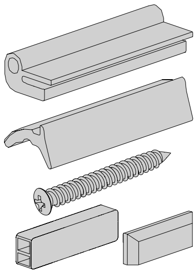
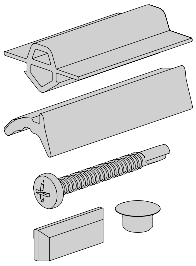
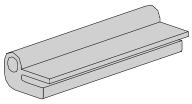
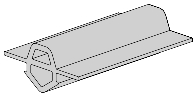
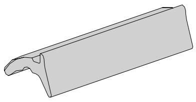
Shipping address: ______________________

Place / date:

Stamp and signature

30. Side element / transom light

Accessories

Article	Description	Production period	Art. no.	Quantity	€
	**Glazing bead for a complete side element / transom light** RAL 9016 Color Matt deluxe Decor ✔ TPS, THP, IP, IPS		ERSTP ⌛ ERSTP ⌛ ERSTP ⌛ ERSTP ⌛	Unit(s) _______ _______ _______ _______	**/ each** **/ each** **/ each** **/ each**
	**Side element / transom light accessory bag** • Coupling seal, 5 m • Glazing sealing, 5.50 m • Fitting screws • Drainage caps • Fitting devices ✔ TPS, IP, IPS		271909 •	Unit(s) _______	**/ each**
	**Side element / transom light accessory bag** • Coupling seal • Glazing sealing • Fitting screws • Drainage caps • Cover caps ✔ THP		277512 •	Unit(s) _______	**/ each**
	**Coupling seal** ✔ TPS, IP, IPS		ERSTP •	Metres _______	**/ m.**
	**Coupling seal** ✔ THP		ERSTP •	Metres _______	**/ m.**
	**(Interior) seal for side element / transom light** ✔ TPS, THP, IP, IPS		632085 •	Metres _______	**/ m.**

ORDER

Customer no.: Order no.:

Customer name:

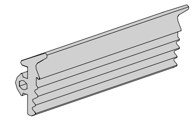
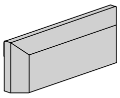
Shipping address:

Place / date:

Stamp and signature

30. Side element / transom light

Accessories

Article	Description	Production period	Art. no.	Quantity	€
	**(Exterior) seal for side element / transom light** ✔ TPS, THP, IP, IPS		342539 ●	Metres _______	/ m.
	**Drainage caps**			Unit(s)	
	White		277712 ●	_______	/ each
	Grey		278132 ●	_______	/ each
	Black		277716 ●	_______	/ each
	✔ TPS, THP, IP, IPS				

ORDER

Customer no.: Order no.:

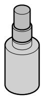
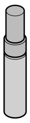
Customer name:

Shipping address:

Place / date:

Stamp and signature

31. Touch-up paint / care products

Article	Description	Production period	Art. no.	Quantity	€
	**Touch-up paint, 10 ml**			Unit(s)	
	RAL 1015 Light ivory		ERSTP •	_______	/ each
	RAL 3000 Flame red		ERSTP •	_______	/ each
	RAL 3003 Ruby red		ERSTP •	_______	/ each
	RAL 3004 Purple red		ERSTP •	_______	/ each
	RAL 5010 Gentian blue		ERSTP •	_______	/ each
	RAL 5014 Pigeon blue		ERSTP •	_______	/ each
	RAL 6005 Moss green		ERSTP •	_______	/ each
	RAL 7016 Anthracite grey		ERSTP •	_______	/ each
	RAL 7035 Light grey		ERSTP •	_______	/ each
	RAL 7040 Window grey		ERSTP •	_______	/ each
	RAL 8003 Clay brown		ERSTP •	_______	/ each
	RAL 8028 Terra brown		ERSTP •	_______	/ each
	RAL 9001 Cream		ERSTP •	_______	/ each
	RAL 9002 Grey white		ERSTP •	_______	/ each
	RAL 9006 White aluminium		ERSTP •	_______	/ each
	RAL 9007 Grey aluminium		ERSTP •	_______	/ each
	RAL 9016 Traffic white		ERSTP •	_______	/ each
	CH 703 Anthracite metallic		ERSTP •	_______	/ each
	CH 703 Matt deluxe		ERSTP •	_______	/ each
	CH 7016 Matt deluxe		ERSTP •	_______	/ each
	CH 8028 Matt deluxe		ERSTP •	_______	/ each
	CH 9006 Matt deluxe		ERSTP •	_______	/ each
	CH 9007 Matt deluxe		ERSTP •	_______	/ each
	CH 9016 Matt deluxe		ERSTP •	_______	/ each
	✔ TPS, THP, IP, IPS, MZ Thermo46, MZ Thermo65, KSI Thermo46				
	**Touch-up pen, 10 ml**			Unit(s)	
	Golden Oak		691376 •	_______	/ each
	Dark Oak		271333 •	_______	/ each
	Night Oak		276831 •	_______	/ each
	Winchester Oak		344113 •	_______	/ each
	Titan Metallic CH 703		343537 •	_______	/ each
	✔ TPS, THP, IP, IPS, MZ Thermo46, MZ Thermo65, KSI Thermo46				

ORDER

Customer no.: Order no.:

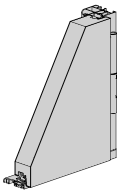
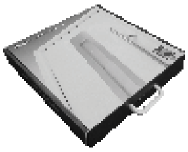
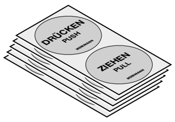
Customer name:

Shipping address:

Place / date:

Stamp and signature

32. Small parts

Article	Description	Production period	Art. no.	Quantity	€
	Word mark 81.2 × 15 mm ✔ TPS, THP		5155161 •	Unit(s) _______	/ each
	**Sample corner**			Unit(s)	
	Thermo46 with aluminium frame (profile A1) ✔ TPS		343157 •	_______	/ each
	Thermo65 with aluminium frame (profile A3) ✔ THP		343159 •	_______	/ each
	**Sample case** Plastic box (HKP) ✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46		278816 •	Unit(s) _______	/ each
	**Door label set “Push / Pull”** With 5 × 2 stickers ✔ TPS, THP, MZ Thermo46, MZ Thermo65, KSI Thermo46		2038767 •	Unit(s) _______	/ each

ORDER

Customer no.: Order no.:

Customer name:

Shipping address:

Place / date:

Stamp and signature

HÖRMANN

Order: Spare Parts

to Hörmann KG: ____________________

Invoicing will be done by Hörmann KG/VKG.

The fields with a grey border will be filled out at the factory.

Customer no.: Customer:

Invoice via:

Delivery address:*

☎ Fax:

Order no./date/com.: Requested date: WK

Quotation no./dd.: Delivery key: Sales Office: Sheet: /

Paym. conditions: Administrator: Date:

* Only fill in if different from the permanent customer address in our database.

Pos.	C. no.	Type	No.	Art. No.	Article designation	Quantity	ME*	Unit price in €
	-	-	-	11860	☐ Fitting according to hourly rate.			

* ME = Unit 1 = pc 3 = kg
2 = m 4 = hour

Total in €

+ VAT

Please take information from the data label!

Order number **Product number**

Place, date Stamp and signature

Status: 03/2018 HF 84217/G. 320 Bl.

General Terms and Conditions of Sale and Delivery (issued 1.3.2020)

§ 1 General

1. Our General Terms and Conditions of Sale and Delivery apply to all deliveries and services in accordance with the contract concluded between us and the Customer.
2. Our General Terms and Conditions of Sale and Delivery are exclusively applicable; Customers' conditions which conflict with or deviate from our conditions are not recognised unless we have agreed to them expressly in writing.
3. Our General Terms and Conditions of Sale and Delivery apply only to transactions with business entities as per Section 14 of the German Civil Code (BGB).

§ 2 Entry into contract

1. Our offers are without engagement and non-binding, unless otherwise agreed. Our order confirmation is decisive for nature and scope. We reserve the right to make technical changes as well as changes to form, colour and / or weight insofar as is reasonable.
2. The offer shall be regarded as accepted only when an order confirmation is issued or the goods are dispatched. The issue of a confirmation of receipt or the receipt of a telephone order do not constitute a binding acceptance. In the case of goods that have to be made to order, following our written confirmation the contract shall be regarded as having been concluded even if details of its execution which may affect price and delivery remain to be clarified. The right to make design and form changes during the delivery period is reserved, provided that the subject of delivery and its function and appearance are not fundamentally altered thereby. There will be no resulting change in price.
3. In respect of figures, drawings, calculations and similar documents, we reserve ownership and copyright. This likewise applies to such documents designated as "confidential". These documents may not be made available to third parties without our express prior approval.

§ 3 Prices and terms of payment

1. Unless otherwise specified in the order confirmation, our prices apply "ex works", excluding transport and fitting, which shall be invoiced separately. Costs for packaging, with the exception of small and spare parts, are included. The value added tax as required by law is not included in our prices; this tax will be shown separately on the invoice at the legal rate applicable on the date of invoicing.
2. Our invoices shall be due to be paid net (without deduction) within 30 days. The deduction of discounts requires a special agreement in writing.
3. Should the price of materials or taxes and levies be increased after the contract has been concluded, we shall be entitled to adjust our prices accordingly if there are at least 4 months between entry into contract and intended delivery.
4. Should the Customer commission not only delivery but also fitting or similar services, these shall be invoiced by the hour unless a fixed rate has been agreed expressly. Our valid Terms and Conditions of Installation shall apply to all assembly services.
5. We are entitled, even in the case of conflicting Customer conditions, to set off payments against the Customer's previous debts. If costs and interest have already incurred, we are entitled to set off the payment against the costs, then to the interest and finally to the main service.
6. We are also entitled to make our remaining claims immediately payable and render the execution of all further services subject to an advance payment or provision of security, if we become aware of circumstances that call the solvency and the credit standing of the Customer in question, in particular in the event of default in payment. The right to claim further damages will remain unaffected.
7. During the delay, the Customer cannot invoke the right to possession. Any claim for return on our side during a delay on the Customer's side shall only be considered as withdrawal from the contract if we have specified this expressly in writing.
8. The Customer shall only have the right to offsetting if the Customer's counterclaims have been determined without further legal recourse, beyond dispute or if the counterclaims have been recognised by us. The Customer can only exert a right of retention if and when the counterclaim rests on the same contractual relationship.

§ 4 Place of fulfillment, transfer of risk

1. Unless otherwise specified in the order confirmation, a delivery "ex works" (INCOTERMS 2010) has been agreed. The danger of accidental loss or deterioration of the goods purchased passes to the Customer upon hand-over of the goods to the shipping agent, the freight forwarder or the person or establishment otherwise appointed to execute the shipment. This shall likewise apply in case of partial delivery or if we have taken over other services (e.g. shipping or fitting).
2. Should the Customer be in default of acceptance, the danger of accidental loss or deterioration of the goods purchased shall pass to the Customer. Any storage costs incurred shall comply with Section 5 No. 3.
3. If carriage paid delivery of the goods has been agreed, the means of transport must be unloaded immediately by the Customer. Waiting times will always be at the Customer's expense. Direct delivery to site shall always be regarded as on truck on an even, drivable road. Unloading including transportation to the place of use or storage is the responsibility of the Customer who in the event of delay must bear the costs and danger of unloading, stacking, storage or return transport. The recipient acting on behalf of the Customer at the place of unloading shall be regarded as authorised to accept the load with binding effect.

§ 5 Delivery times

1. The period of delivery specified by us shall only begin after clarification of all technical questions.
2. Information on delivery dates shall be considered the expected periods of delivery and are always subject to correct and timely delivery by suppliers and / or other manufacturers to us. The Customer may only set a time limit for the supply / performance if the expected delivery date has been exceeded by more than three weeks. This time limit must be reasonable and must amount to a minimum of three weeks. Claims for damages due to non-compliance with an expected delivery date are excluded. Delays in supply and performance as a result of force majeure or as a result of events which materially impede or prevent us from making delivery – including in particular subsequent material procurement difficulties for which we are not responsible, interruption of operations, strikes, lockouts, official directives, etc., even if these affect our suppliers or sub-suppliers – will be notified to the Customer immediately. Events of this type entitle us to withdraw from the contract either in whole or in part if the order is not yet completed. In the event of withdrawal, any compensating measures already performed for the Customer shall be reimbursed immediately.
3. Should the Customer be in delay of acceptance, we are entitled to store the goods at the Customer's danger and expense. For the corresponding storage costs, we can optionally demand reimbursement of the actually incurred costs or of a fixed rate of 5 % of the invoice sum for each commenced month. This also applies to storage by us. The Customer has the right to prove less damage in the event of a claim to flat-rate damage reimbursement.
4. Should, after the time limit set by us has expired, the Customer refuse to accept the goods or declare to no longer want to accept the goods without entitlement to do so, we can also demand damage compensation due to non-fulfilment.
5. Partial deliveries are permissible to a reasonable extent.

§ 6 Reservation of title

1. We reserve ownership of the goods until complete payment of all claims from the ongoing business relationship with the Customer. Should the value of the reserved goods exceed the claims to be secured from the ongoing business relationship with the Customer by more than 20 %, we are obligated to release the reserved goods on Customer request. The selection of the securities to be released is at our discretion.
2. While retention of title is in effect, the Customer is obligated to treat the goods purchased with care and sufficiently insure them against fire and water damage and theft at their value when new and at the Customer's expense. Any claims asserted for damages by the Customer against the insurer or other third parties due to deterioration of the reserved goods are right now signed over to us at the amount of the invoice sum. Should maintenance and inspection work be required, the Customer shall perform said work regularly at the Customer's own expense. The Customer must inform us immediately and in writing of all access of third parties to the goods, in particular of all foreclose and any damage to or destruction of the goods. The Customer must inform us of a change in possession of the goods as well as a change in the Customer's address immediately. The Customer must reimburse us of all damage and costs caused by a violation of this obligation and resulting necessary intervention measures to prevent access of third parties to the goods. In the event of access by third parties, the Customer must also provide us with the necessary help to assume our rights.
3. The Customer is not permitted to pledge reserved goods nor assign them as security.
4. Processing or transformation of goods supplied subject to the reservation of title is always undertaken by the Customer on our behalf. If the reserved goods are treated, processed or mixed, the reserved title to the processed or mixed goods shall continue. If the reserved goods are processed or combined inextricably with items which are not our property, we shall acquire ownership of the new object in the ratio of the invoice value of the reserved goods to the invoice value of the other goods used at the time of processing or combination. The resulting co-ownership rights shall be deemed to be reserved goods in accordance with these Terms and Conditions. If our goods are joined or combined inextricably with other movable items into a single object and this other object is to be considered the main object, the Customer shall concede proportionate joint ownership to us should the main object belong to the Customer. In the aforementioned cases, the Customer here and now assigns all ownership rights to the processed, joined, or combined goods to us. Instead of a transfer, the Customer shall hold the processed, joined, or combined object in safe custody on our behalf. For the object resulting from processing, use, or combination, the same applies in all other respects as for reserved goods.
5. The Customer is entitled to resell goods supplied subject to reservation of title by way of due and proper business transactions. The Customer here and now assigns all claims with all rights arising from the resale of the reserved goods to us in full. We accept this assignment. Should the Customer sell the reserved goods – after processing / combination – together with goods not belonging to the Customer, the Customer here and now assigns to us the claims resulting from resale in the amount of the value of the reserved goods along with all ancillary rights. We accept this assignment right now. The Customer is entitled to collect this claim even after assignment. However, we reserve the right to collect the claim ourselves as soon as the Customer fails to properly meet payment obligations and enters into default, or reasonable doubt about the Customer's solvency and credit standing exists. At our request, the amount of the assigned claim, the person of the debtor and all other information required for collection must be provided, the corresponding documents must be handed over and the debtor must be notified of the assignment.
6. The right to further processing and resale ends with withdrawal from the contract.
7. During the Customer's standard business hours, we are at all times entitled to enter the offices and operating premises to check the reserved goods and to take possession of the reserved goods insofar as the Customer is unable to invoke rights to possession.

§ 7 Defect claims

1. The Customer shall be entitled to claims for defects only if the Customer's duties to inspect and report pursuant to Section 377 of the German Commercial Code (HGB) have been duly complied with. In the event that complaints are not reported in due time and / or in due form, the goods shall be regarded as accepted.
2. For the delivery of objects, we are free to decide to affect supplementary performance either by repair or replacement. If supplementary performance fails, the Customer can at his choice demand a reduction, withdrawal or compensation. In the event of only minor defects the Customer has no right to withdrawal.
3. As a matter of principle, the nature of the goods purchased shall be defined solely by our order confirmation. Public statements, recommendations or advertisements by us or third parties do not constitute contractual statements as to the nature of the goods.
4. The period of limitation for defect claims is based on § 438 of the German Civil Code (BGB) as long as no deviating time limits have been expressly agreed.
5. The Customer is not entitled to assign claims for material defects.

§ 8 Liability

1. We accept liability within legal provisions, provided the Customer asserts claims for damages that are based on intent or gross negligence. In the event of minor negligence, our liability is limited to predictable, typically occurring damage. We are not liable in the event of minor negligence of non-essential contractual obligations whose violation does not threaten the performance of the contract. This also applies to breach of duty by our legal representatives or vicarious agents.
2. Liability for negligent injury to life or limb or the impairment of a person's health remains unaffected from the above limitations of liability; this also applies to the Customer's claims according to the German Product Liability Act (Produkthaftungsgesetz).

§ 9 Concluding provisions

1. The law of the Federal Republic of Germany shall apply. The UN Convention on the International Sale of Goods shall not be applicable.
2. To take legal effect, subsidiary agreements and amendments must be confirmed in writing. This likewise applies to any modification of the clause stipulating the written form.
3. Unless otherwise specified in the order confirmation, our headquarters are the place of fulfilment. The exclusive place of jurisdiction for all disputes arising from this contract shall be Bielefeld, Germany.
4. Insofar as individual terms of the contract including these General Terms and Conditions should be or become ineffective either in whole or in part, this shall not affect the validity of the remaining provisions. The invalid provision shall be replaced by a clause that comes as close as possible to the intended purpose without being invalid. This also applies to any contractual gap.

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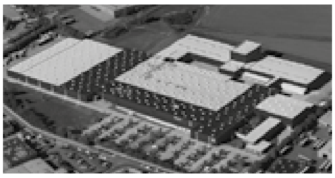
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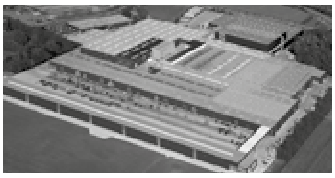
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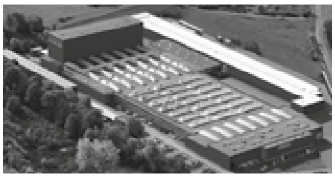
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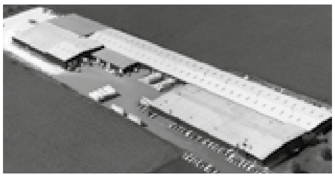
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GARAGE DOORS

OPERATORS

INDUSTRIAL DOORS

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HINGED DOORS

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